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1/4/1

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-315876/200133|

XR- <XRPX> N2001-227076|

TI- Database managing method involves identifying section of database based on key of new data record and deleting data record from the section if the section does not have space to store new data record|

PA- HNC SOFTWARE INC (HNCS-N)|

IV- KINDIG B; SITZE K|

NC- 85|

NP- 3|

PN- WO 2000073943 A1 20001207 WO 2000US14781 A 20000526 200133 B|

PN- AU 200053023 A 20001218 AU 200053023 A 20000526 200133 E

PN- EP 1208471 A1 20020529 EP 2000937909 A 20000526 200243 E

PN- WO 2000US14781 A 20000526|

AN- <LOCAL> WO 2000US14781 A 20000526; AU 200053023 A 20000526; EP

2000937909 A 20000526; WO 2000US14781 A 20000526|

AN- <PR> US 1999323512 A 19990601|

FD- WO 2000073943 A1 EN 42 15

FD- National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW

FD- Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

FD- AU 200053023 A EN Based on OPI patent WO 2000073943

FD- EP 1208471 A1 EN PCT Application WO 2000US14781

FD- Based on OPI patent WO 2000073943

FD- Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|

LA- WO 2000073943 A1 EN 42 15

LA- EP 1208471 A1 EN |

DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW|

DS- <NATIONAL> AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW AL LI LT LV MK RO SI|

AB- <NV> WO A1

NOVELTY - The method involves receiving a data record (320) and the key (316) of the record. One of the sections of the database is identified, based on the key and data records are deleted from the identified section, if the identified section does not have space. The data record is stored in the identified section of the database.|

AB- <BASIC> DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.database management program;

2.database records managing system

USE - Database managing method for users of the internet site to track the information transaction.

ADVANTAGE - Automatically eliminates the inactive user profiles by applying ranking function on data record. High speed persistent cache operation of database structure is achieved by providing additional database system for storing dropped data records. Large number of transaction handling and alleviation of interdependencies on database are achieved.

DESCRIPTION OF DRAWINGS - The figure shows block diagram of structure

Ginger R. DeMille

of data records of database.

316 Key

320 Data record |

TT- DATABASE; MANAGE; METHOD; IDENTIFY; SECTION; BASED; KEY; NEW; DATA;
RECORD; DELETE; SPACE; STORAGE|;

DC- T01|

IC- <MAIN> G06F-017/30|

MC- <EPI> T01-J05B4; T01-S01C|

FS- EPI||

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3/4/1

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 1996-251400/199625|

DX- <RELATED> 1995-161427; 1998-322227; 1999-228881|

XR- <XRPX> N1996-211329|

TI- Data table re-organisation method for computer storage system -
involves sequentially reading data row from data area and storing read
data row in re-organised file|

PA- CDB SOFTWARE INC (CDBS-N)|

IV- ALEISA E A; BARRY R E|

NC- 1|

NP- 1|

PN- US 5517641 A 19960514 US 1992889454 A 19920527 199625 B

PN- US 1993163091 A 19931207|

AN- <LOCAL> US 1992889454 A 19920527; US 1993163091 A 19931207|

AN- <PR> US 1992889454 A 19920527; US 1993163091 A 19931207|

FD- US 5517641 A EN 42 21 C-I-P of application US 1992889454

FD- C-I-P of patent US 5408654 |

LA- US 5517641 A EN 42 21|

AB- <BASIC> US A

The method involves sequentially reading data rows into a data buffer.
A new location is determined for each data row by sequentially
obtaining row length of each data row from a length buffer and using
the row length to develop the new location. The row length is used to
determine entry of each data row into a page and the relative row
number in that page. The new location is saved in a position
corresponding to the data row original location. The data sequentially
stored in a re-organized file by sequentially reading the data row from
the data area and storing the read data row in the reorganized file.
ADVANTAGE - Reduces time required to re-organise table spaces and index
files. Allows viewing access during re-organisation. Allows re-starting
at selected intervals.|

TT- DATA; TABLE; METHOD; COMPUTER; STORAGE; SYSTEM; SEQUENCE; READ; ROW;
AREA; FILE|;

DC- T01|

IC- <MAIN> G06F-007/24|

IC- <ADDITIONAL> G06F-017/30|

MC- <EPI> T01-E01; T01-J05B1|

FS- EPI||

?

? show files;ds

File 350:Derwent WPIX 1963-2006/UD=200720
 (c) 2007 The Thomson Corporation
 File 344:Chinese Patents Abs Jan 1985-2006/Jan
 (c) 2006 European Patent Office
 File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)
 (c) 2007 JPO & JAPIO
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.
 File 2:INSPEC 1898-2007/Mar W3
 (c) 2007 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2007/Feb
 (c) 2007 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2007/Mar 29
 (c) 2007 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Feb
 (c) 2007 The HW Wilson Co.
 File 256:TecInfoSource 82-2007/Oct
 (c) 2007 Info.Sources Inc
 File 474:New York Times Abs 1969-2007/Mar 29
 (c) 2007 The New York Times
 File 475:Wall Street Journal Abs 1973-2007/Mar 29
 (c) 2007 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 23:CSA Technology Research Database 1963-2007/Mar
 (c) 2007 CSA.
 File 56:Computer and Information Systems Abstracts 1966-2007/Mar
 (c) 2007 CSA.

Set	Items	Description
S1	55107	(DATABASE OR FILE OR DATA()BASE OR TABLE OR ARCHIVE OR DAT- A()WAREHOUSE)(6N)(STRUCTURE OR ORGANIZATION OR ARRANGEMENT OR FORMAT OR LAYOUT OR LAY()OUT)
S2	33157	(RECORD? ? OR ROW? ? OR COLUMN? ? OR TUPLE? ?)(5N)(SIZE? ? OR SPACE? ? OR CAPACITY)
S3	1303	S2(5N)(TOTAL? OR ADD? OR TRACK? OR MONITOR? OR MATCH? OR I- NDICAT? OR IDENTIF?)
S4	13450	(DELET? OR REMOV?) (5N)(RECORD? ? OR ROW? ? OR COLUMN? ? OR TUPLE? ?)
S5	1035568	(IDENTIF? OR DETERMIN? OR FIND? OR RETRIEV? OR SEARCH?)(5N-) (SEARCH? ? OR LOCATION? ? OR PLACE? ? OR (NEW OR ANOTHER)().(- RECORD? ? OR TUPLE? ? OR ROW? ? OR COLUMN? ?))
S6	0	S1 AND S3 AND S4 AND S5
S7	6	S1 AND S3 AND (S4 OR S5)
S8	6	S3 AND S4 AND S5
S9	35	S1 AND S2 AND (S4 OR S5)
S10	41	S7:S9
S11	34	RD (unique items)

? t11/3,k/all

11/3,k/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016155821 - Drawing available

WPI ACC NO: 2006-687450/200671

XRPX ACC No: N2006-544085

Lookup table circuit structure for LAN switch has search /comparison
 devices which complete search of lookup table within required time to
 generate address signals after receiving contents of addressed record
 within blocks of memory space

Patent Assignee: GAN K (GANK-I); HUANG C (HUAN-I)

Inventor: GAN K; HUANG C

Patent Family (1 patents, 1 countries)

Ginger R. DeMille

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20060198369	A1	20060907	US 200575062	A	20050305	200671 B

Priority Applications (no., kind, date): US 200575062 A 20050305

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060198369	A1	EN	11	4	

Lookup table circuit structure for LAN switch has search /comparison devices which complete search of lookup table within required time to generate address signals after receiving contents of addressed record within blocks of memory space

Original Titles:

Lookup table circuit structure for network switch device

Alerting Abstract ...NOVELTY - Search /comparison devices (200) issue search signals to addressing device (300) when search /comparison devices receive packet from network ports (P0-P7) of LAN switch. The addressing device...

...to parallel blocks (400,500) of lookup table's memory space after addressing device receives search signal. The blocks output content of address record simultaneously to search /comparison devices so that search /comparison device completes search of lookup table within time required by addressing device to generate address signals....ADVANTAGE - Utilizes memory space of lookup table fully, and avoids packet collisions by guaranteeing every search to the lookup table is always finished within a specific time limit. Cost of LAN switch is reduced by adopting most cost-effective hardware components. Improves speed of table search , reduces cost, and cuts down workload of other components...
...DESCRIPTION OF DRAWINGS - The figure is the block diagram of the lookup table circuit structure applied in layer 2 LAN switch...

...200 Search /comparison devices...

Title Terms.../Index Terms/Additional words: SEARCH ;

Original Publication Data by Authority

Original Abstracts:

A circuit structure for implementing the lookup table of a network switching device is provided. With the circuit structure, the memory space of the lookup table could be fully utilized , and the time spent in searching the table is guaranteed to be within a specific...

...contains L records. The N blocks are directly connected to all search and comparison engines of the M network ports via separate buses respectively. An address generator continuously issues sequential address ...

...signal, each block delivers its addressed record to all search and comparison engines via its own bus. A search and comparison engine therefore would compare all NxL records of the lookup table after the address generator has finished a full...

Claims:

...is claimed is:1. A lookup table circuit structure used in a layer 2 and above network switch device having M (M>1) network ports; said network switch device connecting at most M...

...record of a lookup table; said circuit structure of said network switch device using a destination address contained in a packet received from

said network ports to search said lookup table to locate a record containing information about a computing device at said destination address; and said circuit structure comprising: M search/comparison devices, each of which is connected to an interface circuit of a corresponding network port, receives a packet passed to it from said corresponding network port when...

...notify a search result to a processing module of said network switch device so as to conduct a disposition to said packet; N ($N \leq 1$) blocks jointly forming said lookup table...

...search/comparison devices in parallel via a connection mechanism so that a record within a block is output to said M search/comparison devices simultaneously; and an addressing device, which connects to said M search/comparison devices in parallel so as to receive a search signal issued from said search/comparison devices, connects to said N blocks in parallel so as to output an address signal to said N blocks in parallel; ...issues a search signal to said addressing device when said search/comparison device receives a packet from its corresponding network port; said addressing device sequentially generates and delivers L address signals ($0 \leq k \leq L-1$) simultaneously to said N blocks in parallel after said...

...comparison device; each of said N blocks outputs the content of an addressed record within its block simultaneously to said M search/comparison devices in parallel, so that a search/comparison device completes a search of said lookup table always within the time required by said addressing device to generate L address signals; and, when another search signal arrives while said addressing device is generating an address signal K ($0 \leq k \leq L-1$) in a cycle of generating L address signals, said addressing device records said address K and continues to generate a ...

11/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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0014753988 - Drawing available
WPI ACC NO: 2005-101620/200511
XRPX ACC No: N2005-088280

Personal digital assistant device for use by doctors, has SRAM having part in which user data is stored in two tables that are linked by comparing electronic state of key memory spaces of record of table and record of another table

Patent Assignee: M-PENBASE (MPEN-N)

Inventor: VERGNAUD E

Patent Family (1 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2005004001	A1	20050113	WO 2003FR1678	A	20030604	200511 B

Priority Applications (no., kind, date): WO 2003FR1678 A 20030604

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2005004001	A1	EN	39	4	

National Designated States, Original: CA US
Regional Designated States, Original: AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PT RO SE SI SK TR

...is stored in two tables that are linked by comparing electronic state of key memory spaces of record of table and record of another table

Alerting Abstract ...The device can automatically effectuate the linking

of the tables in response to the effectuated search in the database by a user or by an operator...

Original Publication Data by Authority

Original Abstracts:

...characterized in that is adapted for: during the construction of the database, recopying the information defining the format of each of the key fields from a descriptor of the first table previously stored in the user memory...

11/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013164620 - Drawing available
WPI ACC NO: 2003-247532/200324
Related WPI Acc No: 2003-401280
XRPX Acc No: N2003-196740

Non-persistent data structure for adaptive multi-dimensional database , includes several nodes each consisting of node type field, data field, count field and character type fields

Patent Assignee: KING K D (KING-I)

Inventor: KING K D

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020188614	A1	20021212	US 1999438328	A	19991113	200324	B
			US 2002176257	A	20020620		
US 6862599	B2	20050301	US 1999438328	A	19991113	200516	E
			US 2002176257	A	20020620		

Priority Applications (no., kind, date): US 1999438328 A 19991113; US 2002176257 A 20020620

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes	
US 20020188614	A1	EN	63	39	Division of application	US 1999438328
US 6862599	B2	EN			Division of application	US 1999438328
					Division of patent	US 6532476

Non-persistent data structure for adaptive multi-dimensional database , includes several nodes each consisting of node type field, data field, count field and character...

Alerting Abstract ...USE - Non-persistent data structure for adaptive multi-dimensional database of computer system .

Original Publication Data by Authority

Original Abstracts:

...to define variable length frames, multiple hashing algorithms, and reuse of space caused by deleted records using an automatic gap consolidation algorithm...

...multiple hashing algorithms, and reuse of space caused by deleted records using an automatic gap consolidation algorithm.

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11/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012750810 - Drawing available
WPI ACC NO: 2002-603961/200265
Related WPI ACC No: 2005-095719
XRPX ACC No: N2002-479010

Document control device for electronic document management, arranges document entities in tree structure, that are searched based on corresponding identifiers using character row index

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Inventor: ITO M; KATAYAMA O; NAKAI S; SHIMOJIMA T; TSURUBAYASHI T
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2002202973	A	20020719	JP 2001291628	A	20010925	200265	B
JP 3632643	B2	20050323	JP 2001291628	A	20010925	200522	E

Priority Applications (no., kind, date): JP 2000325286 A 20001025

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2002202973	A	JA	43	36	
JP 3632643	B2	JA	37		Previously issued patent JP 2002202973

Alerting Abstract ...NOVELTY - An analyzer formats document into a tree structure . A management table stores identifiers for identifying each entity and its position in the tree structure. A character row index for searching a character row is prepared for the entities. A search unit searches a entity based on the identifier extracted from the management table, using the character row...
...ADVANTAGE - By not including information about logic structures in the character row index, the size of the character row index is reduced. High speed search is performed...

Title Terms.../Index Terms/Additional words: SEARCH ;

11/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012729812 - Drawing available
WPI ACC NO: 2002-582108/200262
XRPX ACC No: N2002-461544

Flash memory operation method for TV set-top box, involves re-initializing sector contents to set the flag values of header in each record

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: FLEMING M K; LIU J
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6412080	B1	20020625	US 1999255364	A	19990223	200262	B

Priority Applications (no., kind, date): US 1999255364 A 19990223

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6412080	B1	EN	13	4	

Alerting Abstract ...power failure, thereby information loss is eliminated. Enables adhesion/deletion of records of arbitrary size in any

order , thereby raises user 's flexibility...

Original Publication Data by Authority

Original Abstracts:

...are organized by key identifiers in combination with offset values to create a linked-list file structure . New records in the active sector can be sequentially added, while existing records can be marked as deleted if it is desired to remove them. Extra memory space can be recaptured by performing...

...active records are copied from the active sector to a backup sector, while skipping those records that are marked as deleted . Upon successful completion of the copying process the backup sector becomes the new active sector...

11/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010705483 - Drawing available

WPI ACC NO: 2001-315876/200133

XRPX ACC No: N2001-227076

Database managing method involves identifying section of database based on key of new data record and deleting data record from the section if the section does not have space to store new data record

Patent Assignee: HNC SOFTWARE INC (HNCS-N)

Inventor: KINDIG B; SITZE K

Patent Family (3 patents, 85 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2000073943	A1	20001207	WO 2000US14781	A	20000526	200133	B
AU 200053023	A	20001218	AU 200053023	A	20000526	200133	E
EP 1208471	A1	20020529	EP 2000937909	A	20000526	200243	E
			WO 2000US14781	A	20000526		

applicants

Priority Applications (no., kind, date): US 1999323512 A 19990601

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000073943	A1	EN	42	15	

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200053023 A EN Based on OPI patent WO 2000073943

EP 1208471 A1 EN PCT Application WO 2000US14781

Based on OPI patent WO 2000073943

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Database managing method involves identifying section of database based on key of new data record and deleting data record from the section if the section does not have space to store new data record

Alerting Abstract ...One of the sections of the database is identified, based on the key and data records are deleted from the identified section, if the identified section does not have space . The data record is stored in the identified section of the database....record. High speed persistent cache operation of database structure is achieved by providing additional database system for storing dropped data records.

Large number of transaction handling and alleviation of interdependencies on database are achieved...

...DRAWINGS - The figure shows block diagram of structure of data records of database.

Original Publication Data by Authority

Original Abstracts:

...data records (data records) from a database. In one embodiment, the database includes a database data structure that is divided into a plurality of sections. Each of the sections holds is configured to hold zero or...

...to identify one of the sections. If the section has insufficient space, the system deletes data records (320) according to a ranking function. In one embodiment of the invention, the ranking function is a least recently...

...a database. In one embodiment, the database includes a database data structure that is divided into a plurality of sections. Each of the sections holds is configured to hold zero or more data records (320). During...

...sections. If the section has insufficient space, the system deletes data records (320) according to a ranking function. In one embodiment of the invention, the ranking function is a least recently used algorithm. The system of...

11/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010482063 - Drawing available
WPI ACC NO: 2001-082391/200110
XRPX ACC No: N2001-062906
Processing method for variable length encoded binary bitstream of digitized image to be printed
Patent Assignee: HEWLETT-PACKARD CO (HEWP); HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: EPSTEIN Y; NHU H; NORTON K W
Patent Family (7 patents, 27 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1037165	A2	20000920	EP 1999122513	A	19991111	200110 B
JP 2000278685	A	20001006	JP 200037715	A	20000216	200110 E
US 6381371	B1	20020430	US 1999271039	A	19990317	200235 E
US 6741746	B2	20040525	US 1999271039	A	19990317	200435 E
			US 200272245	A	20020208	
EP 1037165	B1	20050420	EP 1999122513	A	19991111	200528 E
DE 69924827	E	20050525	DE 69924827	A	19991111	200538 E
			EP 1999122513	A	19991111	
DE 69924827	T2	20060223	DE 69924827	A	19991111	200615 E
			EP 1999122513	A	19991111	

Priority Applications (no., kind, date): US 200272245 A 20020208; EP 1999122513 A 19991111; US 1999271039 A 19990317

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1037165	A2	EN	16	7	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

Ginger R. DeMille

IE IT LI LT LU LV MC MK NL PT RO SE SI
JP 2000278685 A JA 12
US 6741746 B2 EN Continuation of application US
1999271039 Continuation of patent US 6381371
EP 1037165 B1 EN
Regional Designated States, Original: DE FR GB
DE 69924827 E DE Application EP 1999122513
Based on OPI patent EP 1037165
DE 69924827 T2 DE Application EP 1999122513
Based on OPI patent EP 1037165

Alerting Abstract ...requiring large buffer memory, excessive processing time or power, or use of non-standard image file format .

Original Publication Data by Authority

Original Abstracts:

...requirements. A prescan means (210) sequentially decompresses the bitstream (8) to identify the location of encoded pixel image areas (402). Designated ones of these locations are recorded or stored in a prescan table...

...resource requirements. A prescan means sequentially decompresses the bitstream to identify the location of encoded pixel image areas . Designated ones of these locations are recorded or stored in a prescan table. After the...

...means sequentially decompresses the bitstream to identify the location of encoded pixel image areas. Designated ones of these locations are recorded or stored in a prescan table. After the prescan operation has been

Claims:

11/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010237402 - Drawing available
WPI ACC NO: 2000-549052/200050
XRPX Acc No: N2000-406193
Caller identification device for telephone, comprises phone book memory connected to central processing unit of control circuit for securing records which has name, telephone number, time and date fields
Patent Assignee: VOICE 2000S INC (VOIC-N)
Inventor: HSU D; HUANG S; LIN J H; SUN P B J
Patent Family (2 patents, 87 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000046971	A1	20000810	WO 2000US512	A	20000202	200050 B
AU 200029623	A	20000825	AU 200029623	A	20000202	200059 E

Priority Applications (no., kind, date): US 1999243572 A 19990203

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000046971	A1	EN	30	12	

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH

Ginger R. DeMille

GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200029623 A EN Based on OPI patent WO 2000046971

Alerting Abstract ...ADVANTAGE - CID device has CPU which provides alphabetical or/and chronological arrangement to search CID in an efficient way when call back operation is performed. By automatically deleting a record with the same caller name and telephone number as a previously stored record, the memory space is saved. The records are automatically updated in addition or deletion of records.

11/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009629115 - Drawing available
WPI ACC NO: 1999-580101/199949
Related WPI Acc No: 1998-271606
XRPX Acc No: N1999-428282
Information indexing method employed in internet, world wide web
Patent Assignee: DIGITAL EQUIP CORP (DIGI)
Inventor: BURROWS M
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 5966703 A 19991012 US 1996694793 A 19960809 199949 B
US 199854438 A 19980403

Priority Applications (no., kind, date): US 1996694793 A 19960809; US
199854438 A 19980403

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 5966703 A EN 43 26 Continuation of application US
1996694793

Continuation of patent US 5745889

Alerting Abstract ...includes a set of words having an associated location representation. A second metaword representing the identified attribute is generated. The location representation associated with the first word of the subset is associated with the second generated metaword. The generated metawords represent one of a record address, a description of record information, a record size, date associated with the record, record fingerprint, record end, record deletion indicator and a record title...

...thus allowing query phrases that are specified with both precise and imprecise punctuation marks. A search engine uses a compressing technique to decrease the amount of storage required for the index...

...used to reduce the processing requirements while searching the compressed data of the index. The search engine is designed to reduce the number of tiers, thus producing optimum performance...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of content attributes generated by the search engine.

11/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009226757 - Drawing available

WPI ACC NO: 1999-153243/199913
 Related WPI Acc No: 1999-166961; 1999-214402; 2001-234122
 XRPX ACC No: N1999-110516
 Hybrid query formulating and executing apparatus for heterogeneous database
 Patent Assignee: NOVELL INC (NOVE-N)
 Inventor: BRADSHAW W B; DAVIS J R; HODGKINSON A A; JENSEN B L; PATHAKIS S W
 ; SANDERS D S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5870739	A	19990209	US 199626892	P	19960920	199913 B
			US 1996751540	A	19961115	

Priority Applications (no., kind, date): US 199626892 P 19960920; US 1996751540 A 19961115

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5870739	A	EN	28	14	Related to Provisional US 199626892 Alerting Abstract DESCRIPTION - Arbitrary structured records comprising text field of predetermined size and database field are stored in memory device (14). Database comprises full text index and...

...identifying text field and database field. Simple and compound alternate key indices are included in database. A hybrid query structure having full text and non- full text selection criterions corresponding to full text and database...

Original Publication Data by Authority

Original Abstracts:

...values to return a single value. To evaluate a query, the search engine may implement filtered indices, alternate-key indices, compound alternate-key indices, hybrid queries having both full-text and...

Claims:

...text field and a database index for identifying the database field;a hybrid query structure, stored in the memory device, having a full -text selection criterion, in a first predicate corresponding to the full-text index, and a...

11/3,k/11 (Item 11 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2007 The Thomson Corporation. All rts. reserv.

0009051733 - Drawing available
 WPI ACC NO: 1998-609877/199851
 XRPX ACC No: N1998-474466
 Tagging method for random access storage device - involves determining presence and amount of storage stack space in locally last storage sub-area, based on which end of file tagging code is recorded in that space
 Patent Assignee: SYMANTEC CORP (SYMA-N)
 Inventor: SCHUYLER D E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5832526	A	19981103	US 1996592873	A	19960124	199851 B

Priority Applications (no., kind, date): US 1996592873 A 19960124

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5832526	A	EN	27	7	

Alerting Abstract ...ADVANTAGE - Provides novel alternative or supplemental system for file recovery, without consuming extra storage space . Records and updates slack area information at various times. Uses slack area information during file recovery...

Original Publication Data by Authority

Claims:

...storing file recovery information that indicates the ending locations of the identified storage sub-areas as respective, possible end positions or beginning positions of corresponding files or file fragments; and(c) reconstructing a directory structure in accordance with the formed file recovery information.

11/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0008764892 - Drawing available
WPI ACC NO: 1998-307983/199827
XRPX ACC No: N1998-242151
FBA-CKD conversion system for magnetic disk controller connected to magnetic disk apparatus - has search unit which searches and outputs file having specific access address of CKD format data, based on access request from host computer
Patent Assignee: NEC IBARAKI LTD (NIDE)
Inventor: ABE K

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 10112136	A	19980428	JP 1996263233	A	19961003	199827 B
JP 3093657	B2	20001003	JP 1996263233	A	19961003	200051 E

Priority Applications (no., kind, date): JP 1996263233 A 19961003

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 10112136	A	JA	7	3	
JP 3093657	B2	JA	7		Previously issued patent JP 10112136

...has search unit which searches and outputs file having specific access address of CKD format data, based on access request from host computer

Alerting Abstract ...The system has a first memory which stores label information comprising record size , file format and file storing position of each file that is stored in magnetic disk apparatus (300). The cylinder number and head number of each file are stored in FBA data format in magnetic disk apparatus. A second memory stores the apparatus variety identifier. A sector size...

...A search unit (160) searches the file having suitable access address from file information stored in the third memory, based...

...number and record number of CKD format data supplied from a host computer (200). The search unit thereby outputs the CKD format data file . A sector address calculation unit (170) calculates the sector address of CKD format data of file of fixed length output from the search unit...

Title Terms.../Index Terms/Additional Words: SEARCH ;

11/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0008631787 - Drawing available
WPI ACC NO: 1998-168701/199815
Related WPI Acc No: 2000-194759
XRPX ACC No: N1998-133996

Database management system re- organisation performing - applying
translated log entry with new record identifier to reorganised
version of data record in new area in table space

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BEAVIN T A; SOCKUT G H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5721915	A	19980224	US 1994366564	A	19941230	199815 B
			US 1995457150	A	19950601	

Priority Applications (no., kind, date): US 1994366564 A 19941230; US
1995457150 A 19950601

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5721915	A	EN	19	8	Continuation of application US 1994366564

Database management system re- organisation performing...

...applying translated log entry with new record identifier to
reorganised version of data record in new area in table space

Alerting Abstract ...The method involves reorganising a data record in an
old area of a table space where the data record has an old record
identifier (RID), while read/write access to the old area is retained. The
reorganised version of...

Original Publication Data by Authority

Claims:

...reorganizing a data record in an old area of a table space, wherein said
data record has an old record identifier (RID), while read/ write
access to said old area is retained;directing said reorganized version of
said data record...

11/3,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007726320 - Drawing available
WPI ACC NO: 1996-349592/199635
XRPX ACC No: N1996-294762

Printer with cache memory for font variation - has function that makes room
for deleted character data which is beyond situation standard to exist in
memory esp. when it is judged to be demanded data

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: CAHOON J B

Patent Family (5 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 8164641	A	19960625	JP 1995123198	A	19950424	199635 B

Ginger R. DeMille

US 5592594	A	19970107	US 1994233183	A	19940426	199708	E
CN 1125341	A	19960626	CN 1995103475	A	19950422	199748	E
KR 335699	B	20021129	KR 19959729	A	19950425	200334	E
CN 1082214	C	20020403	CN 1995103475	A	19950422	200516	E

Priority Applications (no., kind, date): US 1994233183. A 19940426

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 8164641	A	JA	9	3	
US 5592594	A	EN	6	3	
KR 335699	B	KO			Previously issued patent KR 95033947

Original Publication Data by Authority

Original Abstracts:

...If the character is found, it is immediately accessed and its identifier is placed at the head of the usage list. Other characters are pushed down in the list. The least recently used...

Claims:

...print data records;(b) for each print data record stored in said cache memory space, providing an indication if said print data is required to be used at least once for a page being processed by said printer;(c) responding...

...said next print data record, removing at least a print data record determined from said list of print data records as manifesting a lowest ranking of usage, from said cache memory space to make room for said next...

11/3,K/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007719024 - Drawing available

WPI ACC NO: 1996-341873/199634

XRPX ACC No: N1996-287797

Preferred textual database record extraction method - involves assigning relevance value to records according to category structure containing textual records which are used to generate new rankings according to subscriber use

Patent Assignee: INDIVIDUAL INC (INDI-N)

Inventor: AMRAM J A; BOUVARD J; LEIGHTHEISER J E; LIDINGTON J C; TOMEH M G; WU H C

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5537586	A	19960716	US 1992876328	A	19920430	199634 B
			US 1994239421	A	19940506	

Priority Applications (no., kind, date): US 1992876328 A 19920430; US 1994239421 A 19940506

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5537586	A	EN	34	24	C-I-P of application US 1992876328

Alerting Abstract ...ADVANTAGE - Permits highly specific and versatile ongoing searches. Substantially reduce difficulty of search profile creation while giving high quality search. Provides automated search process giving low cost and virtual elimination of human error. User feedback allows fine tuning of search profile. Eliminates duplicative but

different records providing space for non-redundant information.

Original Publication Data by Authority

Claims:

...each selected category structure, the textual records associated with that category structure; selecting, from the set of retrieved textual records, a plurality of preferred textual records in a manner responsive to the priority value assigned to...

11/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007687490 - Drawing available

WPI ACC NO: 1996-309115/199631

XRPX ACC NO: N1996-259816

Cache memory system for computer - identifies most current data in records stored in record format and track format and generates addresses for selectively accessing most current data in either record format or track format

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BEARDSLEY B C; CANDELARIA S K; LEGVOLD V J; LEUNG P L; MARTIN D A; SPEAR G A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5530829	A	19960625	US 1992993249	A	19921217	199631 B

Priority Applications (no., kind, date): US 1992993249 A 19921217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5530829	A	EN	12	6	

Original Publication Data by Authority

Original Abstracts:

...system and technique for storing data in a cache memory in record format and in track format. Space is allocated in cache memory for the storage of data in track format. Additional space is allocated for the...

...either format. In a specific implementation, data is stored in either format in cache using a scatter index table. The scatter index table and associated track directory entries are stored in a shared control array. Each track directory...

...information block associated with the selected segment. The track information block identifies the location selected records in the segment in track format or record format.

Claims:

...allocating space in said cache memory for the storage of data in record format; third means including a scatter index table for storing a first record of data in said cache in record format, said scatter index table including pointer to a track directory entry for said first record of data, said track directory entry...

...memory in which a track information block is stored, said track information block identifying a location of selected records in said segment; fourth means including said scatter index table for storing a second record of data in said cache in track format, said scatter index table including pointer to a track directory entry for said second record of data, said track directory entry...

Ginger R. DeMille

...which a second track information block is stored, said second track information block identifying the location of selected records in said segment; fifth means for identifying most current data in said records stored...

11/3,K/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007632810 - Drawing available
WPI ACC NO: 1996-251400/199625
Related WPI Acc No: 1995-161427; 1998-322227; 1999-228881
XRPX Acc No: N1996-211329
Data table re- organisation method for computer storage system - involves sequentially reading data row from data area and storing read data row in re-organised file
Patent Assignee: CDB SOFTWARE INC (CDBS-N)
Inventor: ALEISA E A; BARRY R E
Patent Family (1 patents, 1 countries)
Patent
Number Kind Date Application Number Kind Date Update
US 5517641 A 19960514 US 1992889454 A 19920527 199625 B
US 1993163091 A 19931207

Priority Applications (no., kind, date): US 1992889454 A 19920527; US 1993163091 A 19931207

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 5517641 A EN 42 21 C-I-P of application US 1992889454
C-I-P of patent US 5408654

Data table re- organisation method for computer storage system...

Alerting Abstract ...The method involves sequentially reading data rows into a data buffer. A new location is determined for each data row by sequentially obtaining row length of each data row from a...

Original Publication Data by Authority

Claims:

...the data table organized into pages, each page storing a number of data rows based on the size of the data row, wherein row data location includes page number and relative row number and not having a related index, the method...

...data row, said length stored in said length buffer based on the original location of the data row; determining a new location for each data row by sequentially obtaining the row length of each data row from said length...

11/3,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006893914 - Drawing available
WPI ACC NO: 1994-287376/199436
XRPX Acc No: N1994-226292
Synchronising transaction processing method in distribute system - involves forwarding and receiving request and responses to transaction requests using application program for requester
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Ginger R. DeMille

Inventor: GILES R A; GILLES R A; GRAFE R J; HADERLE D J; JACKSON R D; MOHAN C; REINSCH R A; SANDERS R R; SLONIM J; ZIMOWSKI M R

Patent Family (6 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 616284	A2	19940921	EP 1994301336	A	19940224	199436 B
CA 2119221	A	19940917	CA 2119221	A	19940316	199443 E
EP 616284	A3	19950329	EP 1994301336	A	19940224	199543 E
US 5455944	A	19951003	US 199331774	A	19930316	199545 E
US 5561797	A	19961001	US 199332089	A	19930315	199645 E
			US 1995425675	A	19950418	
CA 2119221	C	19980915	CA 2119221	A	19940316	199847 E

Priority Applications (no., kind, date): US 1995425675 A 19950418; US 199332089 A 19930315; US 199331774 A 19930316

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 616284	A2	EN	28	6	
Regional Designated States, Original: DE FR GB					
CA 2119221	A	EN			
EP 616284	A3	EN			
US 5455944	A	EN	14	4	
US 5561797	A	EN	18	6	Continuation of application US 199332089
CA 2119221	C	EN			

Equivalent Alerting Abstract ...which performs operations on data stored in a database in response to transaction requests, the database having a structure in which data records are contained in pages and the pages are organized into groups...

...group includes a plurality of data pages and a free space inventory page (FSIP) containing space inventory records, each space inventory record indicating an amount of free space in a respective data page of the group, the computer system including a data storage...

...between the data storage facility and the main memory, the database management program including a record manager for managing allocation of space in the pages, a log, and a log manager for entering records of updates to...

...entering the data page and an FSIP containing a space inventory record for the data page into the main memory...

...determining whether the update to the data page requires changing a space inventory record for the data page in the FSIP; and...

...if required, updating the space inventory record in the FSIP and entering into the log a REDO-only entry of the update to the space inventory record after the update record in the log.

Original Publication Data by Authority

Original Abstracts:

...Database files containing records include pages called free space inventory pages (FSIPs) describing field space information relating to data pages. In a transaction processing system, the invention provides correct sequences for logging of...

...locking, excessive I/O and some record locking are avoided by using space reservation fields on an FSIP to ensure that there is no space reserved on the data page for a later undo of uncommitted data records deletes from the page.

XX

Claims:

...structure in which data records are contained in pages and the pages are organized into groups, where each group includes a plurality of data pages and a free space inventory page (FSIP) containing space...

...each space inventory record indicating an amount of free space in a respective data page of the group, the computer system including a data storage facility, a main memory, an operating facility for transferring data between the data storage facility and the main...

...for the data page into the main memory; UNDOING the update to the data page, followed by; determining whether the UNDOING step requires changing a space inventory record for the data page in the FSIP; and if the UNDOING step requires changing the space inventory record, performing the update to the space inventory record in the FSIP and entering into the log a REDO -only entry of the update; followed by entering a only entry of the UNDOING step in the log after the REDO record of...

...update to the space inventory.

11/3,K/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006466715 - Drawing available

WPI ACC NO: 1993-271545/199334

XRPX ACC No: N1993-208567

Embalming drain tube device - includes embalming table and drain tube and cadaver tube arranged for projection within cadaver

Patent Assignee: BENTLEY H E (BENT-I)

Inventor: BENTLEY H E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5235732	A	19930817	US 1991790828	A	19911112	199334 B

Priority Applications (no., kind, date): US 1991790828 A 19911112

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5235732	A	EN	8	9	

Alerting Abstract ...mounted in selective securement to a gutter drainage tube in fluid communication with the gutter structure of the embalming table .

Original Publication Data by Authority

Original Abstracts:

...mounted in selective securement to a gutter drainage tube in fluid communication with the gutter structure of the embalming table . A modification of the invention includes the embalming drain tube formed of an accordion pleated...

Claims:

...of first positioning rods and a second rod of second positioning rods, wherein the first row and second row are spaced apart a predetermined spacing less than the predetermined diameter of the drain tube, and wherein the accordion pleated body is projected and removably received between a first row of positioning rods and a second row of positioning rods for containment and positioning of...

11/3,K/20 (Item 20 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0006093667 - Drawing available

WPI ACC NO: 1992-333296/199241

XRPX ACC No: N1992-254414

Dynamic data memory expansion for on-line data base system - using free space in management unit for expansion while executing job

Patent Assignee: HITACHI LTD (HITA); HITACHI SOFTWARE ENG CO LTD (HISF)

Inventor: IWAMOTO K; IWAMOTO T; MURAGATA Y; MURAKATA Y; YAMAGUCHI K

Patent Family (7 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 4210126	A	19921001	DE 4210126	A	19920327	199241 B
US 5479655	A	19951226	US 1992857657	A	19920326	199606 E
DE 4210126	C2	19960822	DE 4210126	A	19920327	199638 E
KR 199506173	B1	19950609	KR 19925132	A	19920328	199712 E
US 5604900	A	19970218	US 1992857657	A	19920326	199713 E
			US 1995469997	A	19950606	
JP 2003036189	A	20030207	JP 199164352	A	19910328	200320 E
			JP 2002205000	A	19910328	
JP 3386823	B2	20030317	JP 199164352	A	19910328	200323 E

Priority Applications (no., kind, date): JP 2002205000 A 19910328; JP 199164352 A 19910328

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 4210126	A	DE	24	14	
US 5479655	A	EN	22	14	
DE 4210126	C2	DE	23	14	
US 5604900	A	EN	23	14	Continuation of application US 1992857657
JP 2003036189	A	JA	12		Continuation of patent US 5479655 Division of application JP 199164352
JP 3386823	B2	JA	9		Previously issued patent JP 04299748

Original Publication Data by Authority

Original Abstracts:

...therefore intercepted and adversely affected by insufficient empty space of the file. In the structure of the method and system, a file expansion timing detecting section monitors the remaining empty space of a file with the help of a record input...

...by insufficient empty space of the file. In the structure of the method and system, a file expansion timing detecting section monitors the remaining empty space of a file with the help of a record input/output processing section. When the...

Claims:

...said file becomes equal to or less than said registered remaining empty space at which said expansion timing is set, to issue a file expansion request; in response to said file expansion request, expanding a file by generating and holding

11/3,K/21 (Item 21 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0003669443

WPI ACC NO: 1986-111600/198617

XRPX ACC No: N1986-082239

Flat objects stacker - has plate mounted on vertical guides and connected to cam driven parallelogram by bar and fork operated gear and rack

Patent Assignee: TEKHRYBPROM COMBINE (TEKH-R)

Inventor: SOROKIN B G; TKACHENKO G P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
SU 1181970	A	19850930	SU 3737604	A	19840404	198617 B

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
SU 1181970	A	RU	3	2	

Alerting Abstract ...Plastic bags and sleeves stacker can handle various sizes by changing columns (15) lengths. It produces good quality stack. Its smooth movements ensure uniform density stack and...
... Removable inverted U form columns (15) are mounted between guides (5) on a shaft which extends full width of the...

...4). Under load, table sinks on springs and stacking level remains constant. When changing bags format, plate (2) with table (4) and gear couple (11) are moved on guides (5) relative to the feeder. Fork

11/3,K/22 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06601640 INSPEC Abstract Number: C9707-1230-081

Title: A complexity analysis of space-bounded learning algorithms for the constraint satisfaction problem

Author(s): Bayardo, R.J., Jr.; Miranker, D.P.

Author Affiliation: Dept. of Comput. Sci., Texas Univ., Austin, TX, USA

Conference Title: Proceedings of the Thirteenth National Conference on Artificial Intelligence and the Eighth Innovative Applications of Artificial Intelligence Conference Part vol.1 p.298-304 vol.1

Publisher: MIT Press, Cambridge, MA, USA

Publication Date: 1996 Country of Publication: USA 2 vol. xx+xii+1600 pp.

ISBN: 0 262 51091 X Material Identity Number: XX96-02091

Conference Title: Proceedings of National Conference on Artificial Intelligence

Conference Sponsor: AAAI

Conference Date: 4-8 Aug. 1996 Conference Location: Portland, OR, USA

Language: English

Subfile: C

Copyright 1997, IEE

Abstract: Learning during backtrack search is a space-intensive process that records information (such as additional constraints) in order to avoid redundant work. In this paper, we analyze the effects of polynomial-space-bounded learning on runtime complexity of backtrack search. One space-bounded learning scheme records only those constraints with limited size, and another records arbitrarily large constraints but deletes those that become irrelevant to the portion of the search space being explored. We find that relevance-bounded learning allows better runtime bounds than size-bounded learning on structurally restricted...
...Identifiers: backtrack search ;

11/3,K/23 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05152738 INSPEC Abstract Number: C9206-6120-015
Title: A density control algorithm for doing insertions and deletions in a sequentially ordered file in a good worst-case time
Author(s): Willard, D.E.
Author Affiliation: Dept. of Comput. Sci., State Univ. of New York, Albany, NY, USA
Journal: Information and Computation vol.97, no.2 p.150-204
Publication Date: April 1992 Country of Publication: USA
CODEN: INFCEC ISSN: 0890-5401
U.S. Copyright Clearance Center Code: 0890-5401/92/\$3.00
Language: English
Subfile: C

...Abstract: a worst-case time approximately proportional to $\log/\sup 2/M$ divided by the page-size when the set of manipulated records has cardinality $O(M)$.

Descriptors: file organisation ; ...

... search problems

11/3,K/24 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
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04980922 INSPEC Abstract Number: C91064606
Title: Performance comparison of extendible hashing and linear hashing techniques
Author(s): Rathi, A.; Huizhu Lu; Hedrick, G.E.
Author Affiliation: Dept. of Comput. & Inf. Sci., Oklahoma State Univ., OK, USA
Journal: SIGSMALL/PC Notes vol.17, no.2 p.19-26
Publication Date: Summer 1991 Country of Publication: USA
CODEN: SPCNEI ISSN: 0893-2875
U.S. Copyright Clearance Center Code: 0893-2875/90/0003/0178\$1.50
Language: English
Subfile: C

...Abstract: used to compare the performance of linear hashing with extensible hashing: storage utilization; average unsuccessful search cost; average successful search cost; split cost; insertion cost; number of overflow buckets. The simulation is conducted with the...

... hashing has an advantage of 5% over linear hashing in terms of storage utilization. Successful search, unsuccessful search, and insertions are less costly in linear hashing. However, linear hashing requires a large overflow space to handle the overflow records. Simulation shows that approximately 10% of the space should be marked as overflow space in...

Descriptors: file organisation ;

...Identifiers: average unsuccessful search cost...

...average successful search cost...

11/3,K/25 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
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04843019 INSPEC Abstract Number: C91022711
Title: Multi-join on parallel processors

Ginger R. DeMille

Author(s): Deen, S.M.; Kannangara, D.N.P.; Taylor, M.C.
Author Affiliation: Dept. of Comput. Sci., Keele Univ., UK
Conference Title: Proceedings. Second International Symposium on
Databases in Parallel and Distributed Systems (Cat. No.90CH2895-1) p.
92-102

Editor(s): Agrawal, R.; Bell, D.
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1990 Country of Publication: USA viii+219 pp.
ISBN: 0 8186 2052 8
U.S. Copyright Clearance Center Code: CH2895-1/90/0000-0092\$01.00
Conference Sponsor: IEEE; ACM; Office of Naval Res.; British Comput. Soc.
; Irish Comput. Soc
Conference Date: 2-4 July 1990 Conference Location: Dublin, Ireland
Language: English
Subfile: C

...Abstract: collection of parallel processors. The results of single
joins, which were studied by both binary search and hash-merge
techniques, were then further processed as necessary. The evaluation was
conducted varying a number of parameters, such as cluster size, tuple
size and cardinality. The comparative results were plotted. The study
highlights the importance of a number...

Descriptors: file organisation ; ...

... search problems

...Identifiers: binary search ; ...

... tuple size ;

11/3,K/26 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

04816730 INSPEC Abstract Number: C91016938
Title: Improving System 34/36 data management through B-tree access
methods

Author(s): Ferguson, D.
Journal: PC Business Software vol.15, no.4 p.11-14
Publication Date: 1990 Country of Publication: UK
CODEN: PBSOE4 ISSN: 0038-0652
Language: English
Subfile: C

...Abstract: is heavily used. ISAM systems become inefficient as the
filesize or rate of adding and deleting records increases. To overcome
these inherent limitations of ISAM data management systems, another data
access method is increasingly being used in which the size of file and
record addition rate has little impact, known as the B-Tree
methodology.

...Descriptors: file organisation ;

11/3,K/27 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
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03982304 INSPEC Abstract Number: C87060720
Title: On the analyses of the modified versions of the consecutive
retrieval file organisation

Author(s): Inazumi, H.; Hirasawa, S.
Author Affiliation: Sch. of Sci. & Eng., Waseda Univ., Tokyo, Japan
Journal: IEEE Transactions on Systems, Man and Cybernetics vol.SMC-17,
no.2 p.222-8
Publication Date: March-April 1987 Country of Publication: USA

CODEN: ISYMAW ISSN: 0018-9472
U.S. Copyright Clearance Center Code: 0018-9472/87/0300-0222\$01.00
Language: English
Subfile: C

Title: On the analyses of the modified versions of the consecutive retrieval file organisation

...Abstract: authors investigate two problems: (1) the tradeoffs between the buffer size and the loss of search time from the secondary storage into the buffer storage; and (2) the methods of the secondary file organization. They use the variable-buffer size in the main storage and several secondary storages in the first case. For the secondary file organization, they propose two subschemes: (1) the relaxed consecutive retrieval (RCR) property subscheme, which tolerates the dummy records; and the variable buffer size. For each proposed subscheme, they evaluate the tradeoffs between the system redundancy and the loss of search time by a rate-distortion theoretic approach. The result indicates that it is worthwhile to search for algorithms that will generate the secondary storage locations satisfying RCR and CR-D property...

Descriptors: file organisation
Identifiers: search time loss...

...consecutive retrieval file organisation ;

11/3,K/28 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
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03791821 INSPEC Abstract Number: C87007105
Title: Good worst-case algorithms for inserting and deleting records in dense sequential files
Author(s): Willard, D.E.
Author Affiliation: State Univ. of New York, Albany, NY, USA
Journal: SIGMOD Record vol.15, no.2 p.251-60
Publication Date: June 1986 Country of Publication: USA
CODEN: SRECD8 ISSN: 0163-5808
U.S. Copyright Clearance Center Code: 0163-5808/86/0500/0251\$00.75
Conference Title: Proceedings of ACM SIGMOD '86. International Conference on Management of Data
Conference Sponsor: ACM
Conference Date: 28-30 May 1986 Conference Location: Washington, DC, USA
Language: English
Subfile: C

Title: Good worst-case algorithms for inserting and deleting records in dense sequential files

...Abstract: a worst-case time approximately proportional to $\log/\sup 2/M$ divided by the page-size when the set of manipulated records has cardinality $O(M)$.

...Descriptors: file organisation
...Identifiers: deleting records ;

11/3,K/29 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC
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03668825 INSPEC Abstract Number: B86036907, C86030041
Title: Use of superimposed code words for partial match data retrieval
Author(s): Colomb, R.M.
Author Affiliation: Dept. of Comput. Sci., New South Wales Univ., Kensington, NSW, Australia
Journal: Australian Computer Journal vol.17, no.4 p.181-8

Ginger R. DeMille

Publication Date: Nov. 1985 Country of Publication: Australia
CODEN: ACMJB2 ISSN: 0004-8917
Language: English
Subfile: B C

...Abstract: of partial match data retrieval. Its computation cost and performance under differing information content of search keys is compared with multilevel indexing and hashing techniques. The conclusion is that the small...

... with a hashing scheme, it is comparable to multi-level indexing for up to 100000 records. In addition, the small size of the index makes it practical in many cases to index a disk based file...

...Descriptors: file organisation
...Identifiers: search keys

11/3,K/30 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

03061605 INSPEC Abstract Number: C83024606
Title: Analysis of the search performance of coalesced hashing
Author(s): Vitter, J.S.
Author Affiliation: Brown Univ., Providence, RI, USA
Journal: Journal of the Association for Computing Machinery vol.30,
no.2 p.231-58
Publication Date: April 1983 Country of Publication: USA
CODEN: JACOAH ISSN: 0004-5411
U.S. Copyright Clearance Center Code: 0004-5411/83/0400-0231\$00.75
Language: English
Subfile: C

Title: Analysis of the search performance of coalesced hashing
...Abstract: region and thus may cause later collisions. Varying the relative size of the cellar affects search performance. The main result of this paper expresses the average search times as a function of the number of records and the cellar size, solving a long-standing open problem. These formulas are used to pick the cellar size that leads to optimum search performance, and it is shown that this 'tuned' method outperforms several well-known hashing schemes...

Descriptors: file organisation
Identifiers: search performance...

...average search times...

11/3,K/31 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC
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03014752 INSPEC Abstract Number: C83014145
Title: Performance analysis of linear hashing with partial expansions
Author(s): Larson, P.-A.
Author Affiliation: Abo Akademi, Abo, Finland
Journal: ACM Transactions on Database Systems vol.7, no.4 p.566-87
Publication Date: Dec. 1982 Country of Publication: USA
CODEN: ATDSD3 ISSN: 0362-5915
U.S. Copyright Clearance Center Code: 0362-5915/82/1200-0566\$00.75
Language: English
Subfile: C

Abstract: Linear hashing with partial expansions is a new file organization primarily intended for files which grow and shrink dynamically. This paper presents a mathematical analysis...

... performance measures are considered: length of successful and unsuccessful searches, accesses required to insert or delete a record, and the size of the overflow area. The performance is cyclical. For all performance measures, the necessary formulas...

... many realistic parameter combinations the performance is expected to be extremely good. Even the longest search is expected to be of quite reasonable length.

...Descriptors: file organisation
...Identifiers: file organization ;

11/3,K/32 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

02712287 INSPEC Abstract Number: C81024028
Title: The complexity of information structures
Author(s): Fredman, M.L.
Conference Title: 1981 IEEE International Symposium on Information Theory. Abstracts of Papers p.99
Publisher: IEEE, New York, NY, USA
Publication Date: 1981 Country of Publication: USA 152 pp.
Conference Sponsor: IEEE; Union Radio Sci. Int
Conference Date: 9-12 Feb. 1981 Conference Location: Santa Monica, CA, USA
Language: English
Subfile: C

XX

...Abstract: record uniquely identifies that record and belongs to a set referred to as the key space. The values associated with records may be summed by means of an associative and commutative addition operation. Given a key...

... as to facilitate both efficient query evaluation and ease of updating. Updating means inserting and deleting records, and/or changing the values associated with records. The time required for query evaluation can

...Descriptors: file organisation ;

11/3,K/33 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

02592184 INSPEC Abstract Number: C80033272
Title: Summary statistics for five years of the MARC data base
Author(s): Williams, M.E.; Barth, S.W.; Preece, S.E.
Author Affiliation: Information Retrieval Res. Lab., Univ. of Illinois, Urbana, IL, USA
Journal: Journal of Library Automation vol.12, no.4 p.314-37
Publication Date: Dec. 1979 Country of Publication: USA
CODEN: JLAUAY ISSN: 0022-2240
Language: English
Subfile: C

...Abstract: structures, for selecting subsets of MARC for local processing, for estimating processing time based on record sizes, and for estimating future file sizes based on growth rates. Statistics pertaining to record lengths...

...also provided. The statistics can also be valuable in the preparation of user profiles and search strategies for subject searching of the MARC data base on-line.

Ginger R. DeMille

Descriptors: file organisation ;
...Identifiers: record sizes ; ...
... search strategies

11/3,K/34 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC
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02282606 INSPEC Abstract Number: C79001909
Title: Jump searching : a fast sequential search technique
Author(s): Shneiderman, B.
Author Affiliation: Univ. of Maryland, College Park, MD, USA
Journal: Communications of the ACM vol.21, no.10 p.831-4
Publication Date: Oct. 1978 Country of Publication: USA
CODEN: CACMA2 ISSN: 0001-0782
Language: English
Subfile: C

Title: Jump searching : a fast sequential search technique
...Abstract: searching scheme where the optimum jump size is the square
root of the number of records . Multiple level and variable size jump
strategies are explored, appropriate applications are discussed and
performance is evaluated.
...Descriptors: file organisation
Identifiers: sequential search technique...
?

Ginger R. DeMille

Dialog Information Services Inc (DUNS:01-292-4460)
GEOGRAPHIC NAMES: US

DESCRIPTORS: Online information services; Computer service industry;
Information retrieval; Cost reduction; Data bases; Pricing policies
CLASSIFICATION CODES: 8302 (CN=Software and computer services); 9190
(CN=United States)

- end of record -

? show files;ds

File 348:EUROPEAN PATENTS 1978-2007/ 200708
(c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070322UT=20070315
(c) 2007 WIPO/Thomson
File 15:ABI/Inform(R) 1971-2007/Mar 29
(c) 2007 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2007/Mar 28
(c) 2007 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Mar 20
(c)2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Mar 28
(c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Mar 28
(c) 2007 The Gale Group
File 9:Business & Industry(R) Jul/1994-2007/Mar 28
(c) 2007 The Gale Group
File 20:Dialog Global Reporter 1997-2007/Mar 29
(c) 2007 Dialog
File 476:Financial Times Fulltext 1982-2007/Mar 29
(c) 2007 Financial Times Ltd
File 610:Business Wire 1999-2007/Mar 29
(c) 2007 Business wire.
File 613:PR Newswire 1999-2007/Mar 29
(c) 2007 PR Newswire Association Inc
File 24:CSA Life Sciences Abstracts 1966-2007/Dec
(c) 2007 CSA.
File 634:San Jose Mercury Jun 1985-2007/Mar 28
(c) 2007 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2007/Mar 28
(c) 2007 The Gale Group
File 810:Business wire 1986-1999/Feb 28
(c) 1999 Business wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 13:BAMP 2007/Mar w3
(c) 2007 The Gale Group
File 75:TGG Management Contents(R) 86-2007/Mar w3
(c) 2007 The Gale Group
File 95:TEME-Technology & Management 1989-2007/Mar w4
(c) 2007 FIZ TECHNIK

Set	Items	Description
S1	213579	(DATABASE OR FILE OR DATA()BASE OR TABLE OR ARCHIVE OR DAT- A()WAREHOUSE)(6N)(STRUCTURE OR ORGANIZATION OR ARRANGEMENT OR FORMAT OR LAYOUT OR LAY()OUT)
S2	96078	(RECORD? ? OR ROW? ? OR COLUMN? ? OR TUPLE? ?)(5N)(SIZE? ? OR SPACE? ? OR CAPACITY)
S3	10138	S2(5N)(TOTAL? OR ADD? OR TRACK? OR MONITOR? OR MATCH? OR I- NDICAT? OR IDENTIF?)
S4	46359	(DELET? OR REMOV?) (5N)(RECORD? ? OR ROW? ? OR COLUMN? ? OR TUPLE? ?)
S5	5337286	(IDENTIF? OR DETERMIN? OR FIND? OR RETRIEV? OR SEARCH?)(5N-) (SEARCH? ? OR LOCATION? ? OR PLACE? ? OR (NEW OR ANOTHER)())

Ginger R. DeMille

```
RECORD? ? OR TUPLE? ? OR ROW? ? OR COLUMN? ?))
S6      210   S1 AND S3 AND S4 AND S5
S7      623   S1 AND S3 AND (S4 OR S5)
S8      471   S3 AND S4 AND S5
S9      4487  S1 AND S2 AND (S4 OR S5)
S10     4748  S7:S9
S11      51   S1(30N)S4(30N)S5
S12      8    S1(30N)S3(30N)(S4 OR S5)
S13     14    S3(30N)S4(30N)S5
S14     76    S1(30N)S2(30N)(S4 OR S5)
S15     131   S11:S14
S16      52   S15 FROM 348,349
S17      50   S14 NOT PY>1999
S18      44   RD (unique items)
S19      37   S18 NOT S16
? t19/3,k/all; t16/3,k/all
```

19/3,k/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00961592 96-10985
Search strategies for Dialog's view fee
Bates, Mary Ellen
Online v19n1 PP: 22-31 Jan/Feb 1995
ISSN: 0146-5422 JRNL CODE: ONL
WORD COUNT: 5262

...TEXT: also use a word-processing macro to select the records you want from a downloaded search session, extract the accession number of those records, insert t < space > before each number and /9 at the end of each number, then upload the list one line at a time. That is, store the records you reviewed in a short format into a file, type logoff hold, review. the record citations in a word processing package, pull out the...

19/3,k/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00960562 96-09955
CD-ROM: Cheers and jeers of 1994
Jacso, Peter
Information Today v11n11 PP: 23-25 Dec 1994
ISSN: 8755-6286 JRNL CODE: IFT
WORD COUNT: 1551

...TEXT: of the records were not tagged in the process of converting them to computer-readable format. The database slavishly follows the cramped record layout of the book where space limitations justified this practice. On the screens the records tucked up to the top leave...

19/3,k/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

01835079 Supplier Number: 42319975 (USE FORMAT 7 FOR FULLTEXT)
Personal Bibliographic Software, Inc. Announces Pro-Cite (R) for the
Macintosh, version 2.0
News Release, p1
August 30, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 421

... has many enhancements which offer a wide range of benefits. Pro-Cite's new quick searching capability allows users to search selected fields in seconds regardless of database size. The program's increased record capacity allows storage of up to 100,000 records per database - over three times as many records as in previous versions. Also, users can search word processor documents for references cited within the text and automatically generate a bibliography from...

...for easier use, superscript and subscript support, and the ability to output bibliographies in a file format read by nearly every word processor.

"Pro-Cite 2.0 represents over two years of...

19/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

01067966 Supplier Number: 41185972 (USE FORMAT 7 FOR FULLTEXT)
Celadon announces fresco (TM) 2.0, the first image management software package based upon the industry-standard OSF/Motif (TM) graphical user interface
News Release, p1
Feb 23, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 591

... graphical
annotation capabilities.

frescoalso features an innovative scientific database manager based upon Celadon's FLEX File (TM) format. Designed specifically for images and other scientific data, the FLEX File format captures descriptive information in an extensible header. fresco's database manager organizes this information, allowing users to search, sort and retrieve images. Unlike many other database products, there are no arbitrary limits on the size or number of fields and records. There is also no need to pre-define field characteristics such as name, length or...

19/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

10168300 SUPPLIER NUMBER: 20316963 (USE FORMAT 7 OR 9 FOR FULL TEXT)
FileMaker Pro 3.0 for windows 95.
Taylor-Teran, Laurie
Library Software Review, v16, n3, p156(8)
Sep, 1997
ISSN: 0742-5759 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3721 LINE COUNT: 00287

... records, a retrieved set of records, blank records to be used as forms, or the database structure to see field definitions. Reports can be formatted by setting page margins, removing excess space after each record, and creating headers and footers. Standard labels and envelopes can also be printed.

Conclusion
FileMaker...

19/3,K/6 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

07661230 SUPPLIER NUMBER: 16038291 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Search strategies for Dialog's view fee. (online searching; includes list
of publications that aid searching)
Bates, Mary Ellen
Online, v19, n1, p22(9)
Jan-Feb, 1995
ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5295 LINE COUNT: 00390

... also use a word-processing macro to select the records you want
from a downloaded search session, extract the accession number of those
records, insert t < space > before each number and /9 at the end of each
number, then upload the list one line at a time. That is, store the records
you reviewed in a short format into a file, type Logoff hold, review
the record citations in a word processing package, pull out the...

19/3,K/7 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06186360 SUPPLIER NUMBER: 12394845 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PBS announces Pro-Cite version 2.0 for the Macintosh. (Personal
Bibliographic Software Inc.) (Hardware & Software News) (Brief Article)
Online Magazine, v16, n4, p76(1)
July, 1992
CODEN: ONLID DOCUMENT TYPE: Brief Article ISSN: 0146-5422
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 179 LINE COUNT: 00014

TEXT:

...and formatting bibliographic references automatically. The new
version has many enhancements including a new quick searching capability
which allows users to search selected fields in seconds regardless of
database size. The program's increased record capacity allows storage
of up to 100,000 records per database--over three times as many records as
in previous versions. Also, users can search word processor documents for
references cited within the text and automatically generate a bibliography
from...

...for easier use, superscript and subscript support, and the ability to
output bibliographies in a file format read by nearly every word
processor. Version 2.0 is available for \$395.00. Current...

19/3,K/8 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06085509 SUPPLIER NUMBER: 12356846 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Databases: memo-file bloat: why Clipper memo files seem to grow forever,
and how FlexFile can help. (question and answer) (Brief Article)
(Programming) (Column)
Ricciardi, Sal; Blackman, A.L.
PC Magazine, v11, n14, p497(2)
August, 1992
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1530 LINE COUNT: 00113

... are smart enough to automatically reuse any space that becomes available. For example, if you delete a record, the space allocated to the memo automatically becomes available and will be reused. Likewise, when you alter...

...application, you must incorporate FlexFile's library functions into your program and include in your database structure a 6-byte character field wherever you would otherwise have a memo field. FlexFile uses...

19/3,K/9 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06079549 SUPPLIER NUMBER: 12348493 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Databases. (includes related article soliciting submissions) (Column)
Ricciardi, Sal
PC Magazine, v11, n13, p491(2)
July, 1992
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1534 LINE COUNT: 00118

... table and increase the size of the disk file. If you never add as many records as you delete, then the "unused" disk space is forever lost.

This approach does conserve processing time and...

...need to reclaim valuable disk space. Fortunately, there is a way to retrieve the disk space taken up by deleted records.

Paradox has the ability to restructure tables at any time. The intended use of this...

...table. But when you restructure a table, Paradox rewrites the data in that table. This removes deleted records and reclaims the associated disk space. It does this whether or not you actually make any changes to the table structure. This provides a quick and easy method to compress tables after many records have been deleted.

The PAL script shown in Figure 1 uses the method described above to squeeze deleted records out of a table and reclaim disk space. For convenience, the script operates on the...

...Y?? extension, where ?? is a number representing the position of the index field in the table's field structure. To check the remaining disk space on a drive, use the DRIVESPACE function.

Finally, keep in mind that you will only recover disk space if you have deleted enough records to fill a single disk allocation block. Paradox allocates disk space in 2K, 3K, or...

19/3,K/10 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05909008 SUPPLIER NUMBER: 12413731 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The data reduction approach to survey analysis.
Collins, Martin
Journal of the Market Research Society, v34, n2, p149(14)
April, 1992
ISSN: 0025-3618 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 5356 LINE COUNT: 00458

... and column averages as foci. (3) Place figures to be compared in columns. (4) Order rows and columns by size. (5) Use spacing and

layout creatively. (6) Use graphs only to convey qualitative messages.
An...

...way in which these rules of presentation can be used as analysis tools in the search for structure. This is a table used by Goodman (1985) in a discussion of correspondence analysis and other approaches to the...

19/3,K/11 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05885978 SUPPLIER NUMBER: 12313617 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Beyond the theory: knowledge networking in practice.
Miller, Todd
Information Today, v9, n5, p53(3)
May, 1992
ISSN: 8755-6286 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2432 LINE COUNT: 00194

... automation vendor. The information vendor should be able to provide the following: data in MARC format, authority file /subject guide in MARC format, and documentation, which fully describes the size of the file in terms of bytes, number of records, and average size per record. Documentation should also completely describe the field specifications of the database and search mechanism.

Ideally, the automation vendor should provide either a pre-indexed database, or reasonably-priced...

19/3,K/12 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05512425 SUPPLIER NUMBER: 11565109 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PBS releases Pro-Cite for the Macintosh Version 2.0. (Personal
Bibliographic Software) (SDI: The Database News Section - Hardware &
Software News)
Database, v14, n6, p82(1)
Dec, 1991
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 169 LINE COUNT: 00014

TEXT:

...incorporated in the new version include Pro-Cite's new quick searching capability; an increased record capacity allowing storage of up to 100,000 records per database, over three times as many records as in previous versions; the ability to search word processor documents for references cited within the text and automatically generate a bibliography from...

...improved menu arrangement; superscript and subscript support; and the ability to output bibliographies in a file format read by nearly every word processor.

19/3,K/13 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04607471 SUPPLIER NUMBER: 08922397 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Social Sciences Citations Index. (database) (evaluation)
Clemmons, Nancy W.
RQ, v29, n3, p423(3)
Spring, 1990

CODEN: RQRQAQ DOCUMENT TYPE: evaluation ISSN: 0033-7072
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 957 LINE COUNT: 00074

... records with references.

It is possible to "collect" a currently displayed record or all the records in a set. If disk space permits, as many as 100 collected records may be displayed, printed, saved, deleted, or "made into a set" and incorporated into the search session as a set. A user may save search queries as search profiles to be executed on other disks. With some limitations, records may be saved to an ASCII text file with the following choices of format: plain text, ProCite, tagged with two character codes for fields, SCI-MATE, or NLM MEDLINE...

19/3,K/14 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04531600 SUPPLIER NUMBER: 08302052 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Stand-alone word processors that share data with spreadsheet and database files. (word processing product table) (buyers guide)
PC Week, v7, n13, p92(1)
April 2, 1990
DOCUMENT TYPE: buyers guide ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1718 LINE COUNT: 00176

... RAM recommended; hard disk recommended.

Spreadsheet and database: Quattro, Quattro Pro, Symphony, Excel (DOS); converts database files saved in DOS delimited format; creates warm-links.

Multi-user functions: NetWare, 3+, IBM PC LAN program, StarLAN.

Graphics/editing: import/export, edit graphics, proportionally spaced fonts, page preview; undo delete, revision marking for deletion, revision for insertion.

Number columns; features: 24; multicolumn, variable column widths, variable space between columns, single and multicolumns on same page.

On-screen display: double underlining, redlining.

Formatting: widow/orphan...

19/3,K/15 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

03718992 SUPPLIER NUMBER: 06833854 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tracking online search statistics in a multibranch library system: a dBase solution.
Kwan, Julie; Raeder, Aggi
Database, v11, n6, p48(9)
Dec, 1988
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3477 LINE COUNT: 00277

... include a variety of such reports, all based on a single keying of data.

RECORD STRUCTURE

Each record in the STAT database consists of twenty-three fields. Field names are four characters long for ease in programming...

...are expanded for greater clarity Field lengths were kept to a minimum, and the entire size of a single record is 114 characters.

The STAT database is structured so there is one record for each

Ginger R. DeMille

online database accessed during a search . That is, if a request involved searching two or more databases, there would be two...

19/3,K/16 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

03671134 SUPPLIER NUMBER: 06501734 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How to automate a service desk using dBase III Plus.
Carter, James W.; Masys, Daniel R.; Perry, David J.; Tingley, Dianne E.
Online, v12, n4, p120(5)
July, 1988
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 2983 LINE COUNT: 00244

... that users require no knowledge of dBASE III PLUS. A help screen explains how to search the General Service Desk Information file, and each successive menu choice is clearly defined. Thus...

...can expect to immediately begin using the database efficiently.
The ability to add, edit and- delete information in records of unlimited size enables this to be a dynamic database. Since keywords are the major searching path for feature.
How does this database compare with hardcopy in a notebook format ? The service desk notebook had become cumbersome, and any, material produced had to be photocopied...

19/3,K/17 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

03649602 SUPPLIER NUMBER: 06935585 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ordering your disk files. (Database Management) (column)
Liskin, Miriam
Personal Computing, v12, n9, p85(4)
Sept, 1988
DOCUMENT TYPE: column ISSN: 0192-5490 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2964 LINE COUNT: 00213

... using/Range Values), format the column to the date display format of your choice, and delete the month, day, and year columns , which are no longer needed.

With the list in a database or spreadsheet, you can make any necessary adjustments in the file structure , such as shortening fields to eliminate the extra spaces between columns in the DOS directory listing, changing data types (for example, making the date of last...

19/3,K/18 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

03502484 SUPPLIER NUMBER: 06248012 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Library applications of database management systems.
Marmion, Dan
Small Computers in Libraries, v8, n2, p14(4)
Feb, 1988
ISSN: 0275-6722 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2934 LINE COUNT: 00225

... for all. The better database management products will allow you to

make changes to a file structure, subject to certain limitations, but proper prior planning will help you in the long run...

...to index than to sort; the index contains only the indexed field(s) and a record pointer, thus taking less storage space than a sorted copy of the database; open indexes are updated automatically when records are added, changed, or deleted; and it is faster to find a particular record by using a unique, indexed field...

19/3,K/19 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

02333028 SUPPLIER NUMBER: 03710922 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Automating document management.
Canning, Bonnie
Office Administration and Automation, v46, p51(5)
April, 1985
ISSN: 0745-4325 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2985 LINE COUNT: 00253

... or Prime computers. Its software is written in BASIC and offers variable length fields and record sizes, fast retrieval based on an inverted file structure, and multiparameter Boolean search.
Minolta Corp.'s (Ramsey, N.J.) MinCAR (Computer Assisted Retrieval) system can support up to...

...and Minolta Automatic Retrieval System (MARS).
The software includes features such as full Boolean logic search, range searches, menus, and "fill-in-the-blank" searches for novices. It also interfaces with DEC's...

19/3,K/20 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

01703096 SUPPLIER NUMBER: 16240156 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Managing with Norton. (Symantec's Norton Utilities Administrator network management software) (includes a related article summarizing the review) (Software Review) (Test Drive) (Evaluation)
Campbell, Rebecca J.
LAN Magazine, v9, n10, p159(4)
Oct, 1994
DOCUMENT TYPE: Evaluation ISSN: 0898-0012line ISSN: 0898-0
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2500 LINE COUNT: 00191

... made, though, so be sure your users know the limitations.
OFF AND RUNNING
You can size columns, delete records, and sort records in ascending or descending order by clicking on the heading of your choice. You can also export data to another application. Utilities Administrator can save information as a text file, a commadelimited file, a Data Interchange Format file, a dBase III file, or a Lotus 1-2-3 file. You can also save information to the windows...

19/3,K/21 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01669241 SUPPLIER NUMBER: 15062172 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hot on the audit trail: audit files can reliably tell you the who, what,

and when of a modified database record. (Set Expert On)(Column)
(Tutorial)
Olympia, P.L.
DBMS, v7, n2, p91(2)
Feb, 1994
DOCUMENT TYPE: Tutorial ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1758 LINE COUNT: 00136

... dbf-Style Transaction Records
Unlike an audit file with comma-delimited transactions, where a transaction record (except for Delete operations) corresponds to each modified database field, an audit file with .dbf-style transaction records
...

...Delete operation, you have a choice of leaving the memo field empty or storing the deleted record in it. The former saves space, but the latter lets you quickly look at a deleted record without having to reconstruct it from the transaction history. Table 1 shows the structure of a typical Audit.dbf file.

For the most part, this scheme relies on FoxPro's ability to store anything, including...

19/3,k/22 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

01580084 SUPPLIER NUMBER: 13068651 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Discovering InterBase: an introduction to Borland's powerful database server and its tools for application development. (Borland International Inc.'s InterBase relational database management system)(includes related articles on third-party tools for InterBase and on SRI International's use of InterBase) (Server Specific)

Darling, Charles
DBMS, v6, n1, p68(4)
Jan, 1993
ISSN: 1041-5173 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1951 LINE COUNT: 00153

... your new database by running GBak, the InterBase backup and restore module. GBak copies the database to an external format independent of operating-system data representation and file - structure considerations. Backing up and restoring the database allows you to change a number of important physical parameters, such as page size and distribution across multiple operating-system files. The process also optimizes the database by releasing the space occupied by deleted records and balancing the indexes.

GFix is another important tool for database administrators. It handles database...

19/3,k/23 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01551003 SUPPLIER NUMBER: 13068587 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ASCII to DBF: you can get there from here. (a program is listed for converting ASCII files into a DBF format) (Database Downsizing)
(Tutorial)

Freides, Steve
Data Based Advisor, v10, n12, p113(3)
Dec, 1992
DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1554 LINE COUNT: 00119

... 4. Continue through the text file in place, reformatting the data as it runs.

The format of the DBF file is well-documented in the FoxPro Developers' Guide and other places, but a brief recap...

...by a single byte that holds the DELETED() flag. This byte will contain a blank space (CHR(32)) if the record is not deleted, and an "*" (CHR(42)) if the record is deleted. Second, each line/ record in the SDF file ends with a carriage return (CHR(13)) and a line feed...

...or the other, but most use both. Neither of these is present in the DBF table format. Here's an example:

SDF FILE {begins with data immediately}
DBF FILE {header information}
blank space [unkeyable]
1. Steve Freides CRLF...

19/3,K/24 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01506393 SUPPLIER NUMBER: 11990144 (USE FORMAT 7 OR 9 FOR FULL TEXT)
More Paradoxes. (the organization of files in Borland International's Paradox relational data base management system) (Tutorial)

Adlard, Larry

EXE, v6, n9, p71(4)

March, 1992

DOCUMENT TYPE: Tutorial ISSN: 0268-6872 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3362 LINE COUNT: 00243

... managing director's reply to Personnel, regarding your request for a raise.

If you now delete the recently inserted record number two, all the records in packet number one will be promoted again but the...

...will remain where it is. As you add records the file gets longer. If you delete records the space is left vacant. Empty nodes are not permitted, so the file never gets shorter. I...

...can recover space from, or defragment a Paradox file. You have to create a new file with an identical structure to the old one and read the records one by one from old to new...

19/3,K/25 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01433266 SUPPLIER NUMBER: 10614829 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Standard reborn. (Software Review) (Iris Software Products' Nutshell Plus II data base management system) (evaluation)

Claiborne, David

PC Sources, v2, n5, p293(1)

May, 1991

DOCUMENT TYPE: evaluation ISSN: 1052-6579 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 834 LINE COUNT: 00065

... program selected 16 California residents from a 900-name database almost instantly. In such a search, Nutshell Plus II is visibly faster than Paradox 3.5 performing the same search on the identical database.

Ordinarily, indexing every field can increase the storage space

required by...

...Nutshell Plus II, however, stores its data in a field structure rather than a record structure. This makes it possible for each file to be indexed without the overhead often associated with full file inversion. In addition, each...

...number of characters actually entered in the specific field, which eliminates the need to allocate space for unfilled fields in a record.

My 900-name address file aptly demonstrates how Nutshell uses its field-oriented structure and variable-length fields to conserve space. In a dBase format, the file takes up 318K. In Paradox, the file occupies 372K. The Nutshell database, with each field...

19/3,K/26 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01418346 SUPPLIER NUMBER: 09414434 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Get reverse reports with Monarch and Extract. (Software Review) (Datatrobe Corp.'s Extract and Personics' Monarch utility programs) (evaluation)
Schwartz, Alan
Data Based Advisor, v9, n2, p30(2)
Feb, 1991
DOCUMENT TYPE: evaluation ISSN: 0740-5200 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1117 LINE COUNT: 00084

... the columnar layout of the data in the report, with "dummy" fields to trap the spaces between columns

2. Import the data using the SDF (fixed length) option
3. Make a second pass...

...convert data types from characters into numbers and dates

4. Make yet another pass to delete all the dummy records, which are lines taken up by white space, headers, footers, column headings, page breaks, etc.

5. Copy the file to its final format, with the dummy fields and records eliminated.

It's a clumsy and inefficient process and...

19/3,K/27 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01360327 SUPPLIER NUMBER: 08470502 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Change dBASE dates. (tutorial)
PC-Computing, v3, n6, p230(4)
June, 1990
DOCUMENT TYPE: tutorial ISSN: 0899-1847 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 2668 LINE COUNT: 00202

... year, you'll have a fuller picture of your finances at tax time.

Reclaim Disk Space

When a Paradox 3.0 record is deleted, its space is not automatically recovered. To reclaim this wasted area, you must access the program's...

...press the Do-It key. (Make sure you haven't made any changes in the table's structure.) Paradox will then reclaim the space used by deleted records, freeing up room for data.

Directory Changes

Changing directories in WordStar via Ctrl-KL--or...

19/3,K/28 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01346088 SUPPLIER NUMBER: 08002414 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Turning the tables. (tables are a vital element in many presentations and publications) (Software Review) (evaluations of three 'table editor' packages)(includes related articles on creating tables by hand, future software, and synopses of two of the programs.) (evaluation)

Robinson, Phillip

MacUser, v6, n2, p136(8)

Feb, 1990

DOCUMENT TYPE: evaluation ISSN: 0884-0997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4456 LINE COUNT: 00339

... for saving your text formats.

Formatting the Table

You should be able to view and format a table according to its size, position, borders, and shading of rows, columns, titles, headers, footnotes, and so on. Commands should undo changes and swap, sort, and...

19/3,K/29 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01301385 SUPPLIER NUMBER: 07397312 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A data base for real-time applications and environments. (HP's Real-Time Data Base) (technical)

Fatehi, Feyzi; Givens, Cynthia; Hong, Le T.; Light, Michael R.; Liu, Ching-Chao; Wright, Michael J.

Hewlett-Packard Journal, v40, n3, p6(12)

June, 1989

DOCUMENT TYPE: technical ISSN: 0018-1153

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 8651 LINE COUNT: 00665

... from the start of the tuple (see Fig. 6).

The data in each type of table is stored in tuples. The tuple format, which is the number, length, and type of columns, must be the same for all tuples in any one table. However, the tuple format may be different for each table. The number and size of tuples in a table are limited only by the amount of real memory available. Each tuple...

19/3,K/30 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01255359 SUPPLIER NUMBER: 07031815 (USE FORMAT 7 OR 9 FOR FULL TEXT)
C-Index+. (Software Review) (Examining Room) (evaluation)

Freeman, Neil

Dr. Dobb's Journal of Software Tools, v13, n6, p128(2)

June, 1988

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

; ABSTRACT

WORD COUNT: 1053 LINE COUNT: 00078

... can't be larger than 32 Mbyte. There are no limits on the number or format type of records in any one file, the number of fields, or the number of files that can be open at any...

...the other interesting features of this system is that no reorganization of files for the removal of deleted records is necessary. All data space is automatically reclaimed by the system as long as you use variable length records. Error...

19/3,K/31 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01240753 SUPPLIER NUMBER: 06547977 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DataFlex. (Software Review) (one of 43 evaluations of programmable relational database managers) (evaluation)
Marks, Howard
PC Magazine, v7, n9, p152(1)
May 17, 1988
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 767 LINE COUNT: 00059

... could use some improvement is the field definition program. If you want to change your file format, you have to export the file to AS-CII, make the changes, and then read the data back in. Many DataFlex...

...some empty space in their files, just in case they need to add a field.
SPACE SAVER
DataFlex automatically reuses deleted records, eliminating the occasional need to pack the database. You can also preallocate disk space for...

19/3,K/32 (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

01239421 SUPPLIER NUMBER: 06250128 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The PC-IDMS alliance. (Integrated Data Management System)
Topper, Andrew
PC Tech Journal, v6, n3, p104(15)
March, 1988
ISSN: 0738-0194 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6854 LINE COUNT: 00539

... a logical data model of the records for the application (see figure 4). The data structure diagram, or physical database design, required assigning records to areas, determining record sizes, and establishing location mode and set names (see sidebar, "Betailing the Physical Design"). From the diagram a schema...

19/3,K/33 (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01208755 SUPPLIER NUMBER: 06016166 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A data manager that eliminates programming: Aker Corp's MAGIC PC. (Software Review) (evaluation)
Smith, Burks A.
PC Tech Journal, v5, n10, p122(14)
Oct, 1987
DOCUMENT TYPE: evaluation ISSN: 0738-0194 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7191 LINE COUNT: 00557

... using a utility called Convert. This utility can be run from the

Data Dictionary's File Table immediately after the structure is changed. MAGIC PC remembers the old structure until the File Table is exited using the End key.

The Convert utility can change the record format, reorganize the file in any specified key order, and pack the database files, eliminating the space left by deleted records. Any parameter in the Data Dictionary can be changed, including adding and deleting fields, changing ...

...to reorganize the data files accordingly. This utility can compress a file from which many records have been deleted, because

19/3,K/34 (Item 15 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01207517 SUPPLIER NUMBER: 06168500 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Meet Manuscript. (Lotus' new document processor)
Williams, Christie
Lotus, v3, n2, p84(4)
Feb, 1987
ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2449 LINE COUNT: 00189

... block, and you gain flexibility in reorganizing and formatting. You can add, insert, join, split, delete, and move columns within a table using the same commands you use with blocks and sections of regular text. To work with columns in more than one block simultaneously, you use the Table Layout Editor. This tool lets you size columns, specify the width of column gutters, and insert, delete, and move columns.

To add borders to a table, press the Border function key and highlight the blocks...

19/3,K/35 (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01201948 SUPPLIER NUMBER: 06012532
Linear hashing aids database searches.
Angus, Jeff
InfoWorld, v9, n41, p28(1)
Oct 12, 1987
ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: region with a "pointer". Following the pointers slows down the system. With linear hashing the file structure has a set saturation point. When a group has reached its saturation point the system looks for extra room recently created by deleted records. If it still lacks space it will divide the crowded group into two, each with its own threshold for a...

19/3,K/36 (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01199754 SUPPLIER NUMBER: 06085428
Controversial Mac is more than a relational data base. (Software Review)
(Fourth Dimension) (evaluation)
Brant, Ives
Computer & Software News, v5, n44, p193(3)
Nov 2, 1987
DOCUMENT TYPE: evaluation ISSN: 0745-5291 LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: equal to a run-time version; object-oriented graphics support; unlimited, graphical, easy-to-use file links for virtually any structure needed to fit data; capacity for 4Gbytes and 16 million records ; 511 fields per record; and 80 characters per field. Storage is efficiently used, use on...

19/3,K/37 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2007 The Gale Group. All rts. reserv.

01127333 Supplier Number: 41020868 (USE FORMAT 007 FOR FULLTEXT)
DATA ACCESS ANNOUNCES VANTAGEPOINT
News Release, p1
Nov 13, 1989
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 580

... will import data directly from
Lotus, dBase, Paradox, Syk and ASCII files into DataFlex native file
format and export these file formats plus Microsoft Word, Wordstar
and WordPerfect.

VantagePoint provides for easy user control over the...

...subtotals in
VantagePoint are fashioned in the built-in editor. The user can set
the size of every section, and columns can be resized, added,
deleted , and moved easily. Calculated columns may be based on
existing columns and/or other calculated columns. Additionally, up to
nine...
...VantagePoint output may be directed to a printer (with full control
over page size and layout), the CRT, or a disk file
and may also be
redirected to a new data file (of any supported format) or...

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02118545
Tuple space operations for fine grained system control
Tupelraumoperationen fur feinkornige Systemsteuerung
Operations of triple espace pour le controle du systeme finement granule
PATENT ASSIGNEE:
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K2K 2W7, (CA), (Applicant designated States: all)
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Street, London WC1R 4PJ, (GB)
PATENT (CC, No, Kind, Date): EP 1703390 A1 060920 (Basic)
APPLICATION (CC, No, Date): EP 2006076173 030114;

Ginger R. DeMille

PRIORITY (CC, No, Date): GB 200745 020114
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 1329810 (EP 2003250226)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0009/46 A I F B 20060101 20060814 H EP
ABSTRACT WORD COUNT: 76
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200638	438
SPEC A	(English)	200638	3349
Total word count - document A			3787
Total word count - document B			0
Total word count - documents A + B			3787

...SPECIFICATION up to indefinite. Copies of matching tuples will be returned through the interface and the tuples are removed from the tuple space.

Cancel - with the specified anti- tuple , remove all matching anti-tuples from the tuple space . Tuples themselves may be removed directly by an appropriate pick request.

Turning to the block diagram, a hardware-based tuple...

...invention. An I/O Buffers and Control block 10 is provided including Input/Output Buffers, Search Logic and Memory Management components. The I/O Buffers link the device to the outside environment. The Search Logic and Memory Management functions perform general memory control for the device and conduct all...

16/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02018194

Secure transaction management
Gesicherte Transaktionsverwaltung
Gestion de transactions securisees

PATENT ASSIGNEE:

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Sibert, W. Olin, 30 Ingleside Road, Lexington, MA 02173-2522, (US)
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Van Wie, David M., 51430 Willamette Street, 6 Eugene, OR 97401, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1621960 A2 060201 (Basic)
EP 1621960 A3 070110

APPLICATION (CC, No, Date): EP 2005076129 970829;

PRIORITY (CC, No, Date): US 706206 960830

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 922248 (EP 97939670)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

Ginger R. DeMille

G06F-0021/00 A I F B 20060101 20060913 H EP
ABSTRACT WORD COUNT: 51

NOTE:

Figure number on first page: 70

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200605	249
SPEC A	(English)	200605	180527
Total word count - document A			180807
Total word count - document B			0
Total word count - documents A + B			180807

...SPECIFICATION 532a. Items that need to be updated or that need to disappear when power is removed from SPU 500 should not be stored in masked ROM 532a.

Under some circumstances, RAM...

16/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01992563

Document database

Datenbank fur Dokumente

Base de donnees de documents

PATENT ASSIGNEE:

ArchiveOnline AB, (4908030), Sveavagen 105, 113 50 Stockholm, (SE),
(Applicant designated States: all)

INVENTOR:

Sayeler, Joni, Tulegatan 61 A, 172 72 Sundbyberg, (SE)

Wretblad, Linus, Sickia Alle 41, 131 65 Nacka, (SE)

LEGAL REPRESENTATIVE:

Wihlsson, Joakim Per Magnus (93771), Bjerkens Patentbyra KB,
Ostermalmsgatan 58, 114 50 Stockholm, (SE)

PATENT (CC, No, Kind, Date): EP 1605369 A1 051214 (Basic)

APPLICATION (CC, No, Date): EP 2004445069 040607;

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT WORD COUNT: 154

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200550	2956
SPEC A	(English)	200550	7937
Total word count - document A			10893
Total word count - document B			0
Total word count - documents A + B			10893

...CLAIMS and

enable deletion of at least one non-editable electronic document in the original layer database (175).

9. An arrangement according to claim 8, characterized in that the edit module (165) is adapted to, in response to a deletion operation in respect of an amendable data record, delete the amendable data record and a non-editable electronic document linked thereto.
10. An arrangement according to any one...

...9, characterized in that the edit module (165) is adapted to be activated via a search result window presented by the search engine module (150) via the user interface (180), the search result window providing a user...

...and

if at least one deleted electronic document is encountered in the currently detected content, delete any amendable data records for the at least one deleted electronic document.

15. An arrangement according to claim 14, characterized in that the arrangement comprises...

...the data registration engine (110) is adapted to:
control the data fetching module (130) to search the Internet to obtain at least one missing predefined type of data; and
enter any...

...missing predefined type of data in a relevant amendable data record of the supplementary layer database (176).

16. An arrangement according to any one of the preceding claims, characterized in that the arrangement comprises an...

16/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01958795

Provision of access paths to data within a database

Bereitstellung eines Pfadzugriffs auf Dateien in einer Datenbank

Fourniture de chemins d'accès aux données dans une base de données

PATENT ASSIGNEE:

Software Engineering GmbH, (4260280), Robert-Stolz-Strasse 5, 40470
Dusseldorf, (DE), (Applicant designated States: all)

INVENTOR:

Klosterhalfen, Jorg, Weinsbergstrasse 94, 50823 Koln, (DE)

LEGAL REPRESENTATIVE:

Cohausz & Florack (100244), Patent- und Rechtsanwälte Bleichstrasse 14,
40211 Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 1580668 A1 050928 (Basic)

APPLICATION (CC, No, Date): EP 2004007174 040325;

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT WORD COUNT: 165

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200539	1009
SPEC A	(English)	200539	3979
Total word count - document A			4988
Total word count - document B			0
Total word count - documents A + B			4988

...SPECIFICATION case the actual total number of rows is outside the range (7), a level of organization may be determined (10a) from the table space values: number of changed rows, percentage of indirect references, number of un-clustered inserts, and the number of mass deletes. In addition, the index values: percentage of changed rows, number mass deletes, percentage of mapped rows, distance of leaves,

percentage of large object disorganization and number of index level changes may...

...the second threshold value is reached (13a), a REORG is initiated (16a). The REORG provides organization of data sets within data base 2. After the REORG is terminated, the RTS are again read (4).

Additionally, even in case the actual total number of rows is outside the range (9), a level of organization may be determined (10b) from the table space values: number of changed rows, percentage of indirect references, number of un-clustered inserts, and the number of mass deletes. In addition, the index values: percentage of changed rows, number mass deletes, percentage of mapped rows, distance of leaves, percentage of large object disorganization and number of index level changes may...

16/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01930027

Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees
PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale, CA 94085, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Van Wie, David M., 51430 Williamette Street, 6, Eugene, OR 97401, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)
EP 1555591 A3 051123

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 23

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0
Total word count - documents A + B			195030

...SPECIFICATION example: records, games, movies, newspapers, electronic books and reference materials, personal electronic mail, and confidential records and communications. The invention can also be used to protect the rights of parties who...610 record so that a VDE-provided security layer is "on top of" the commercial database structure. In other words, SPE 736 may write secure records in sizes and formats that may be stored within a database record structure supported by commercial database manager 730. Commercial database manager 730 may then be used

to organize, store, and retrieve...

...it may be desirable to use a proprietary and/or newly created database manager in place of commercial database manager 730. However, the use of commercial database manager 730 may provide...

16/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01898247

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)
EP 1531379 A3 060222

APPLICATION (CC, No, Date): EP 2004078195 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0001/00 A I F B 20060101 20050315 H EP

G06F-0017/60 A I L B 00000000 20050315 H EP

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200520	173
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SPEC A	(English)	200520	167172
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Total word count - document A	167372
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Total word count - document B	0
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Total word count - documents A + B	167372
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...SPECIFICATION also, under VDE (if allowed by senior control information), collect audit information reflecting usage of database fields by different individuals and client organization departments and ensure that differing rights of access and differing budgets limiting database usage can...

...and groups. Enabling content providers and users to practically employ such diverse sets of user identification, metering, budgeting, and billing control information results, in part, from the use of such independent...

16/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)
EP 1526472 A3 060726

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-017/60; G06F-009/46

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0001/00 A I F B 20060101 20060616 H EP

G06F-0009/46 A I L B 20060101 20050309 H EP

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200517	355
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SPEC A	(English)	200517	167222
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Total word count - document A	167604
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Total word count - document B	0
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Total word count - documents A + B	167604
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...SPECIFICATION used to protect the rights of parties who create electronic content such as, for example: records, games, movies, newspapers, electronic books and reference materials, personal electronic mail, and confidential records and...

16/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01878532

Method of managing file structure in memory card

Methode zur Verwaltung von einer Dateistruktur in einer Speicherkarte

Procede pour gerer une structure de fichier dans une carte memoire

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Wada, Hiroyuki, 15-B401, Niina 5-chome, Mino-shi Osaka 562-0005, (JP)
Fujimura, Kazuya, 1-4, Hikarigaoka 2-chome, Ikoma-shi Nara 630-0141, (JP)
Hiramitsu, Miki, 11-3, Mizukaidou 3-chome, Gifu-shi Gifu 500-8223, (JP)

LEGAL REPRESENTATIVE:

TER MEER STEINMEISTER & PARTNER GbR (100061), Patentanwalte,
Mauerkircherstrasse 45, 81679 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1521162 A2 050406 (Basic)

APPLICATION (CC, No, Date): EP 2004023206 040929;

PRIORITY (CC, No, Date): JP 2003340458 030930; JP 2004114876 040409

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-001/00

ABSTRACT WORD COUNT: 98

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200514	1905
SPEC A	(English)	200514	15658
Total word count - document A			17563
Total word count - document B			0
Total word count - documents A + B			17563

...SPECIFICATION 106.

The general area 106 and the authentication area 107 are recording portions with large capacity. In order to record data at high speed and accurately in such recording portions with large capacity and search it, a predetermined file system structure is employed.

A schematic diagram of a file structure management system described above is shown in FIG. 2.

The whole recording portion of the...

16/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01869029

Systems and methods for secure transaction management and electronic rights protection

Systeme und verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)

EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;

NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60
ABSTRACT WORD COUNT: 144
NOTE:

Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

...SPECIFICATION used to protect the rights of parties who create
electronic content such as, for example: records, games, movies,
newspapers, electronic books and reference materials, personal electronic
mail, and confidential records and...

16/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01752676

Systems and methods for secure transaction management and electronic rights
protection

Systeme und verfahren zur gesicherten Transaktionsverwaltung und
elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection
de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,
Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville Maryland 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda Maryland 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito California 94530, (US)
van Wie, David M., 1250 Lakeside Drive, Sunnyvale California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fj CLEVELAND 40-43 Chancery Lane,
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1431864 A2 040623 (Basic)
EP 1431864 A3 050216

APPLICATION (CC, No, Date): EP 2004075701 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 77

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total word count - document A			168379
Total word count - document B			0

Total word count - documents A + B 168379

...SPECIFICATION as privacy rights related to information contained in a medical record, tax record, or personnel record.

In general, the present invention can protect the rights of parties who have:

(a) commercial...

16/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01742173
RECORDING/REPRODUCTION DEVICE, RECORDING/REPRODUCTION METHOD, AND RECORDING MEDIUM
AUFZEICHNUNGS-/WIEDERGABEEINRICHTUNG, AUFZEICHNUNGS-WIEDERGABEVERFAHREN UND AUFZEICHNUNGSMEDIUM
DISPOSITIF D'ENREGISTREMENT/DE REPRODUCTION, PROCEDE CORRESPONDANT, ET SUPPORT D'INFORMATION

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

NAKAMURA, Tadashi, 1079-117, Maruyama 1-chome, Nara-shi, Nara 631-0056, (JP)

HINO, Yasumori, 13-55, Shikanodai Higashi 1-chome, Ikoma-shi, Nara 630-0112, (JP)

LEGAL REPRESENTATIVE:

Pautex Schneider, Nicole et al (90822), Novagraaf International SA 25, avenue du Pailly, 1220 Les Avanchets - Geneva, (CH)

PATENT (CC, No, Kind, Date): EP 1553595 A1 050713 (Basic)
WO 2004029970 040408

APPLICATION (CC, No, Date): EP 2003798481 030925; WO 2003JP12199 030925
PRIORITY (CC, No, Date): JP 2002280710 020926; JP 2002359472 021211; JP 2003129478 030507

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G11B-027/10; G11B-020/10; G11B-027/00

ABSTRACT WORD COUNT: 110

NOTE:

Figure number on first page: 11B

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200528	992
SPEC A	(English)	200528	24116
Total word count - document A			25108
Total word count - document B			0
Total word count - documents A + B			25108

...SPECIFICATION of the last recorded file when recording is performed in the first embodiment.

With this structure, even if the media file indicated by the last recorded file identifying information is deleted from the file system, the...

...the last recording position is held. Thus, using this information, a position from which a search for a space area to record a new media file is started can be determined.

Also, according to the structure of...

Ginger R. DeMille

16/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01610170

Hardware-assisted tuple space
Hardware-unterstützter Tupelraum
Espace de tuples assiste par le materiel
PATENT ASSIGNEE:

Mitel Networks Corporation, (4455320), 350 Legget Drive, Ottawa,Ontario
K2K 2W7, (CA), (Proprietor designated states: all)

INVENTOR:

Gray, Thomas, 111 Pineridge Road, RR3 Carp,Ontario,K0A 1L0, (CA)
Rae, Charles, 115 Barrett Court, Apt. 706, Kingston,Ontario K7L 4B6, (CA)
Wood, Derrek, 270 Weller Avenue, Kingston,Ontario K2K 2V2, (CA)
Pereira, Aubert, 986 Pinewood Place, Kingston,Ontario K7P 1L5, (CA)

LEGAL REPRESENTATIVE:

Gold, Tibor Zoltan et al (31052), Kilburn & Strode 20 Red Lion Street,
London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1329807 A1 030723 (Basic)
EP 1329807 B1 060823

APPLICATION (CC, No, Date): EP 2003250227 030114;

PRIORITY (CC, No, Date): GB 200747 020114

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

INTERNATIONAL PATENT CLASS (V7): G06F-009/44; G06F-017/30; G06F-015/80

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0009/44	A I F B	20060101	20030404	H	EP
G06F-0017/30	A I L B	20060101	20030404	H	EP
G06F-0015/80	A I L B	20060101	20030404	H	EP

ABSTRACT WORD COUNT: 104

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200330	640
CLAIMS B	(English)	200634	620
CLAIMS B	(German)	200634	574
CLAIMS B	(French)	200634	735
SPEC A	(English)	200330	2979
SPEC B	(English)	200634	3076
Total word count - document A			3620
Total word count - document B			5005
Total word count - documents A + B			8625

...SPECIFICATION up to indefinite. Copies of matching tuples will be returned through the interface and the tuples are removed from the tuple space.

Cancel - with the specified anti- tuple , remove all matching anti-tuples from the tuple space . Tuples themselves may be removed directly by an appropriate pick request.

Additional operations may be provided such as disclosed in...

...invention. An I/O Buffers and Control block 10 is provided including Input/Output Buffers, Search Logic and Memory Management components. The I/O Buffers link the device to the outside...

...SPECIFICATION up to indefinite. Copies of matching tuples will be returned through the interface and the tuples are removed from the tuple space.

Cancel - with the specified anti- tuple , remove all matching anti-tuples from the tuple space . Tuples themselves may be removed directly by an appropriate pick request.

Ginger R. DeMille

Additional operations may be provided such as disclosed in...

...invention. An I/O Buffers and Control block 10 is provided including Input/Output Buffers, Search Logic and Memory Management components. The I/O Buffers link the device to the outside...

16/3,K/13 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01610169

Tuple space operations for fine grained system control
Tuplraumoperationen für eine feinkörnige Systemsteuerung
Operations sur un espace de tuples pour contrôler un système à grains fins
PATENT ASSIGNEE:

Mitel Networks Corporation, (4455320), 350 Legget Drive, Ottawa, Ontario
K2K 2W7, (CA), (Proprietor designated states: all)

INVENTOR:

Gray, Thomas, 111 Pineridge Road, RR3 Carp, Ontario K0A 1L0, (CA)
Amyot, Daniel, 44 de L'eclipse, Hull, Quebec J9A 3E3, (CA)
Leger, Oriane, 123 3rd E, Cornwall, Ontario K6H 2C8, (CA)
Young, Wendy, RR No.2, Site 4, Box 502, Swastika, Ontario P0K 1T0, (CA)
Young, Wayne, Box 2228, New Liskeard, Ontario P0J 1P0, (CA)
Lakins, Ian, 279 Helen Street, Apt. 2, Kingston, Ontario K7J 4P6, (CA)
Day, John, 55 Paardeburg Place, Kingston, Ontario K7K 4J1, (CA)
Banger, Colin, c/o St. Lawrence College, Kingston, Ontario K7L 5P6, (CA)
Athersych, David, c/o St. Lawrence College, Kingston, Ontario K7L 5P6, (CA)

LEGAL REPRESENTATIVE:

Gold, Tibor Zoltan et al (31051), Kilburn & Strode 20 Red Lion Street,
London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1329810 A1 030723 (Basic)
EP 1329810 B1 060816

APPLICATION (CC, No, Date): EP 2003250226 030114;

PRIORITY (CC, No, Date): GB 200745 020114

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2006076173)

INTERNATIONAL PATENT CLASS (V7): G06F-009/46

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:
G06F-0009/46 A I F B 20060101 20030528 H EP

ABSTRACT WORD COUNT: 76

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200330	462
CLAIMS B	(English)	200633	292
CLAIMS B	(German)	200633	282
CLAIMS B	(French)	200633	338
SPEC A	(English)	200330	3347
SPEC B	(English)	200633	3017
Total word count - document A			3810
Total word count - document B			3929
Total word count - documents A + B			7739

...SPECIFICATION up to indefinite. Copies of matching tuples will be returned through the interface and the tuples are removed from the tuple space.
Cancel - with the specified anti- tuple , remove all matching anti-

tuples from the tuple space . Tuples themselves may be removed directly by an appropriate pick request.

Turning to the block diagram, a hardware-based tuple...

...invention. An I/O Buffers and Control block 10 is provided including Input/Output Buffers, Search Logic and Memory Management components. The I/O Buffers link the device to the outside environment. The Search Logic and Memory Management functions perform general memory control for the device and conduct all...

...SPECIFICATION up to indefinite. Copies of matching tuples will be returned through the interface and the tuples are removed from the tuple space.

Cancel - with the specified anti- tuple , remove all matching anti-tuples from the tuple space . Tuples themselves may be removed directly by an appropriate pick request.

Turning to the block diagram, a hardware-based tuple...

...invention. An I/O Buffers and Control block 10 is provided including Input/Output Buffers, Search Logic and Memory Management components. The I/O Buffers link the device to the outside environment. The Search Logic and Memory Management functions perform general memory control for the device and conduct all...

16/3,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

01446230

Memory management method for configuring a computer data storage medium to include a virtual disk drive

Speicherverwaltungsverfahren zur Konfiguration eines Computer-speichermediums mit einer virtuellen Platteneinheit

Methode de gestion de memoire pour configurer une memoire d'ordinateur avec une unite de disque virtuelle

PATENT ASSIGNEE:

Wu, Yu-Te, (3269660), No. 42, Yung-Le 5th Street, Chiayi City, (TW),

(Proprietor designated states: all)

INVENTOR:

Wu, Yu-Te, No. 42, Yung-Le 5th Street, Chiayi City, (TW)

LEGAL REPRESENTATIVE:

Moir, Michael Christopher et al (33991), Mathys & Squire 100 Gray's Inn Road, London WC1X 8AL, (GB)

PATENT (CC, No, Kind, Date): EP 1237085 A1 020904 (Basic)

EP 1237085 B1 041201

APPLICATION (CC, No, Date): EP 2001301713 010226;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-011/14

ABSTRACT WORD COUNT: 83

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200236	3955
CLAIMS B	(English)	200449	1945
CLAIMS B	(German)	200449	1688
CLAIMS B	(French)	200449	2183
SPEC A	(English)	200236	3845
SPEC B	(English)	200449	3979
Total word count - document A			7802

Ginger R. DeMille

Total word count - document B 9795
Total word count - documents A + B 17597

...SPECIFICATION is stored in the corresponding 4-kilobyte space of the computer data storage medium. Data search of the system buffer file 20d is done with the use of the read/write record file 20c. With the arrangement as such, the space allocated for the read/write record file 20c can be effectively minimized, and the adverse effect on the data searching efficiency...

...SPECIFICATION the system buffer file 20d is done with the use of the read/write record file 20c. With the arrangement as such, the space allocated for the read/write record file 20c can be effectively minimized, and the adverse effect on the data searching efficiency...

16/3,K/15 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01288053

Information record medium and apparatus for reproducing the same
Informationsaufzeichnungsmedium und Gerat zu dessen Wiedergabe
Support d'enregistrement d'information et-appareil pour sa reproduction
PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537924), 4-1, Meguro 1-chome Meguro-ku,
, Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Ishii, Hidehiro, Tokorozawa Works, Pioneer Electronic Corp., 2610
Hanazono 4-chome, Tokorozawa-shi, Saitama-ken, (JP)
Ema, Shozo, Tokorozawa Works, Pioneer Electronic Corp., 2610 Hanazono
4-chome, Tokorozawa-shi, Saitama-ken, (JP)
Sawabe, Takao, Pioneer Electronic Corp., 4-1, Meguro 1-chome, Meguro-ku,
Tokyo-to, (JP)
Hasegawa, Yoshinori, Pioneer Electronic Corp., 4-1, Meguro 1-chome,
Meguro-ku, Tokyo-to, (JP)
Yamamoto, Kaoru, Pioneer Electronic Corporation, Sougou Kenkyusho, 6-1-1
Fujimi, Tsurugashima-shi, Saitama-ken, (JP)
Takahashi, Tokihiro, Pioneer Electronic Corp., Kawagoe Works, 25-1
Aza-Nishicho, Oawa-Yamada, Kawagoe-shi, Saitama-ken, (JP)

LEGAL REPRESENTATIVE:

Haley, Stephen (79721), Gill Jennings & Every, Broadgate House, 7 Eldon
Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 1104928 A2 010606 (Basic)
EP 1104928 A3 011031
EP 1104928 B1 050824

APPLICATION (CC, No, Date): EP 2001104455 990409;

PRIORITY (CC, No, Date): JP 98116150 980410

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 952578 (EP 99302788)

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2005012118)

INTERNATIONAL PATENT CLASS (V7): G11B-020/12; G11B-027/28; G11B-020/10;
G11B-027/32

ABSTRACT WORD COUNT: 31638

NOTE:

Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200123	2129
CLAIMS B	(English)	200534	2105

CLAIMS B	(German)	200534	1726
CLAIMS B	(French)	200534	2263
SPEC A	(English)	200123	29628
SPEC B	(English)	200534	28175
Total word count	- document A		31762
Total word count	- document B		34269
Total word count	- documents A + B		66031

...SPECIFICATION reproduce this title and then ignores this description.
The audio player refers to the above- described AOTT title search
pointer table 243, and thereby carries out the reproduction shown in the
...

...6 and #7, and then reproduces the AV information for the titles #1, #2,
#3 and #5.

(4.3.2) VMG, VTSI and Title Search Pointer

The VMG 3 includes VMG I (VMG Information) that is the actual portion
of the navigation information. The VMGI includes: an VMGI management
table 250 containing information such as a file size, a record address
etc., of the VMGI; and a title search pointer table
(TT(underscore)SRPT) 251. The title search pointer table 251 is a table
describing the navigation information in relation to the video player.
Thus, the video player refers to this title search pointer table
(TT(underscore)SRPT) 251, and thereby reproduces the title in
accordance with a procedure determined in a conventional video...

16/3,k/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01252951

DYNAMIC CONTROL OF SEARCH DURATION IN A WIRELESS COMMUNICATION DEVICE
DYNAMISCHE SUCHDAUERSTEUERUNG IN EINEM SCHNURLOSEN KOMMUNIKATIONSGERAT
COMMANDE DYNAMIQUE DE TEMPS DE RECHERCHE DANS UN DISPOSITIF DE
COMMUNICATION SANS FIL

PATENT ASSIGNEE:

QUALCOMM INCORPORATED, (910897), 5775 Morehouse Drive, San Diego, CA
92121-1714, (US), (Proprietor designated states: all)

INVENTOR:

HUGHES, Robbin, D., 7133 Blakstad Court, San Diego, CA 92126, (US)
WILLIAMSON, Paul, T., 5331 Channing Street, San Diego, CA 92117, (US)

LEGAL REPRESENTATIVE:

Dunlop, Hugh Christopher et al (59552), R G C Jenkins & Co. 26 Caxton
Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1192727 A1 020403 (Basic)

EP 1192727 B1 060517

WO 2001003321 010111

APPLICATION (CC, No, Date): EP 2000944992 000628; WO 2000US17899 000628

PRIORITY (CC, No, Date): US 346368 990701

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04B-001/707

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04B-0001/707 A I F B 20060101 20010116 H EP

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200620	690
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CLAIMS B	(German)	200620	598
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CLAIMS B	(French)	200620	850
SPEC B	(English)	200620	4460
Total word count	- document A		0
Total word count	- document B		6598
Total word count	- documents A + B		6598

...SPECIFICATION faded on an initial pass to be detected during a subsequent pass in the same search.

Figure 5 shows one embodiment of the data structure of a search parameter lookup table 50. The lookup table contains three columns of data 52, 54 and 56. Column 52 contains the size of the search window. The search window size is used by the microprocessor as an index into the table. Column 54...

...and column 56 contains values for the number of non-coherent passes, corresponding to the search window size. Each row of the lookup table contains predetermined values for the integration interval and number of non...

16/3,K/17 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00810991

Machining method using numerical control apparatus
Bearbeitungsverfahren mit Verwendung von einem numerischen Steuerungsgerat
Methode d'usage utilisant un appareil a commande numerique

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100, (JP), (applicant designated states:
CH;DE;FR;GB;LI)

INVENTOR:

Hirai, Hayao, c/o Mitsubishi Denki K.K., Nagoya Seisakusho, 1-14,
Yadaminami 5-chome, Higashi-ku, Nagoya-shi, Aichi 461, (JP)
Fujimoto, Akihiko, Mitsubishi E.M.S. Co., Ltd., 1071,
Higashi-Ozone-cho-Kami 5-chome, Kita-ku, Nagoya-shi, Aichi 462-91, (JP)

LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672),
Hoffmann Eitle, Patent- und Rechtsanwälte, Arabellastrasse 4, 81925
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 753805 A1 970115 (Basic)
EP 753805 B1 990506

APPLICATION (CC, No, Date): EP 96111105 960710;

PRIORITY (CC, No, Date): JP 95197308 950710

DESIGNATED STATES: CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS (V7): G05B-019/418;

ABSTRACT WORD COUNT: 173

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	word Count
CLAIMS B	(English)	9918	2061
CLAIMS B	(German)	9918	1991
CLAIMS B	(French)	9918	2306
SPEC B	(English)	9918	189869
Total word count	- document A		0
Total word count	- document B		196227
Total word count	- documents A + B		196227

...SPECIFICATION to a process has been completed if it is judged that there is a process file, and continuing the processing in order of process file if designated data input with regard...

16/3,K/18 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00779910

DATA BASE SYSTEM SHARED BY A PLURALITY OF CLIENT APPARATUSES, DATA UPDATING
METHOD AND APPLICATION TO CHARACTER PROCESSOR
VON MEHREREN KLIENTEN-APPARATEN GEMEINSAM VERWENDETES DATENBANKSYSTEM,
VERFAHREN ZUM AKTUALISIEREN DER DATEN UND ANDWENDUNG BEI EINEM
ZEICHENPROZESSOR
SYSTEME DE BASE DE DONNEES PARTAGE PAR UNE PLURALITE D'APPAREILS CLIENTS,
PROCEDE DE MISE A JOUR DE DONNEES ET APPLICATION A UN PROCESSEUR DE
CARACTERES

PATENT ASSIGNEE:

OMRON CORPORATION, (284766), 10, Tsuchido-cho, Hanazono, Ukyo-ku,,
Kyoto-shi, Kyoto 616, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

NAGAOKA, Hiroshi, Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku,
Kyoto-shi, Kyoto 616, (JP)

KUWARI, Seiji, Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku,
Kyoto-shi, Kyoto 616, (JP)

HAYASHI, Masaaki, Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku,
Kyoto-shi, Kyoto 616, (JP)

YAMASHITA, Yasunari, Omron Software Co., Ltd., 678, Tearaimizu-cho,
Takoyakushi sagaru, Karasuma, -dori, Nakagyo-ku, Kyoto-shi, Kyoto 604,
(JP)

MATSUO, Ayato, Omron Software Co., Ltd., 678, Tearaimizu-cho, Takoyakushi
sagaru, Karasuma, -dori, Nakagyo-ku, Kyoto-shi, Kyoto 604, (JP)

LEGAL REPRESENTATIVE:

Kahler, Kurt, Dipl.-Ing. (6167), Patentanwalte Kahler, Kack, Fiener et
col., Vorderer Anger 268, 86899 Landsberg/Lech, (DE)

PATENT (CC, No, Kind, Date): EP 741360 A1 961106 (Basic)
WO 9616374 960530

APPLICATION (CC, No, Date): EP 95938042 951121; WO 95JP2371 951121

PRIORITY (CC, No, Date): JP 94286865 941121; JP 9573942 950330

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): G06F-017/22; G06F-017/30;

ABSTRACT WORD COUNT: 146

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	2329
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SPEC A	(English)	EPAB96	10379
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Total word count - document A	12708
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Total word count - document B	0
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Total word count - documents A + B	12708
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...SPECIFICATION is a storage section shared by all client apparatuses 2
and stores records in a table structure . The present database
system prohibits the users' adding or deleting records to and from
the system shared table 11.

The supplementary system shared table 12

16/3,K/19 (Item 19 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00711606

Start code detector for image sequences

Detektor fur den Startcode von Bildsequenzen

Detecteur de code de depart pour sequences d'images

PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA
92714, (US), (Proprietor designated states: all)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol BS16 1NA,
(GB)
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley,
Gloucestershire GL11 6BD, (GB)
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire GL11 5PE,
(GB)
Finch, Helen Rosemary, Tyley, Coombe, Wotton-Under-Edge, Gloucester. GL12
7ND, (GB)
Boyd, Kevin James, 21 Lancashire Road, Bristol BS7 9DL, (GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,
rue Louis Chirpaz, 69131 Ecully Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 674443 A2 950927 (Basic)
EP 674443 A3 951213
EP 674443 A3 981223
EP 674443 B1 010509

APPLICATION (CC, No, Date): EP 95301301 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 891089 (EP 98202149)
(EP 98202154)
EP 884910 (EP 98202132)
EP 891088 (EP 98202133)
EP 897244 (EP 98202134)
EP 901286 (EP 98202135)
EP 901287 (EP 98202166)
EP 896473 (EP 98202170)
EP 896474 (EP 98202171)
EP 896476 (EP 98202174)
EP 896475 (EP 98202172)

INTERNATIONAL PATENT CLASS (V7): H04N-007/24; G06F-013/00; G06F-009/38

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 61

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2897
CLAIMS B	(English)	200119	647
CLAIMS B	(German)	200119	609
CLAIMS B	(French)	200119	752
SPEC A	(English)	EPAB95	128616
SPEC B	(English)	200119	122384
Total word count - document A			131543
Total word count - document B			124392
Total word count - documents A + B			255935

...SPECIFICATION detector and the bit stream patterns may include start codes. Hence, the invention provides a search -mode means for searching differently encoded data streams arranged as a single serial stream of data for allowing random...

16/3,K/20 (Item 20 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

00563437

Data storage format conversion method and system, data access method and access control apparatus

Verfahren und System fur Datenspeicher-Formatumwandlung,
Daten-Zugriffsverfahren und Steuergerat

Methode et systeme de conversion de format de stockage de donnees, methode d'accès aux donnees et dispositif de controle d'accès

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100, (JP), (Proprietor designated states: all)

INVENTOR:

Nakamura, Yoichi, c/o Mitsubishi Denki K.K., Computer Seisakusho, 325 Kamimachiya, Kamakura-shi, Kanagawa 247, (JP)

LEGAL REPRESENTATIVE:

Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 559142 A2 930908 (Basic)
EP 559142 A3 960904
EP 559142 B1 010613

APPLICATION (CC, No, Date): EP 93103292 930302;

PRIORITY (CC, No, Date): JP 9249833 920306; JP 939002 930122

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-003/06; G06F-012/04

ABSTRACT WORD COUNT: 248

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1052
CLAIMS B	(English)	200124	1103
CLAIMS B	(German)	200124	1118
CLAIMS B	(French)	200124	1325
SPEC A	(English)	EPABF1	33769
SPEC B	(English)	200124	33548
Total word count - document A			34823
Total word count - document B			37094
Total word count - documents A + B			71917

...SPECIFICATION deletion methods are as follows.

<.Case I-1.>.

All the gaps inclusive of the inter- record gaps are deleted .

Format 1 (case of maximum record numbers)

Size of HA = 40 - 12 = 28

Size of R0 = ROC + ROD = (40 - 12) + 1 = 29

Size...

...the capacity of one track is: HA + R0 + Rn 93 = 28 + 29 + 29 93 = 2754

Format 2 (typical of journal file)

Size of HA = 40 - 12 = 28

Size of R0 = ROC + ROD = (40 - 12) + 8 = 36...

...SPECIFICATION are as follows.

<Case I-1>

All the gaps inclusive of the inter- record gaps are deleted .

Format 1 (case of maximum record numbers)

Size of HA = 40 - 12 = 28

Size of R0 = ROC + ROD = (40 - 12) + 1 = 29

Size of Rn = RnC + RnD = (40 - 12) + 1 = 29

Accordingly, the capacity of one track is: # Format 2 (typical of journal file)

Size of HA = 40 - 12 = 28

Size of R0 = ROC + ROD = (40 - 12) + 8 = 36...

16/3,K/21 (Item 21 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00458300

Dynamic data storage system.
Dynamische Datenspeicheranordnung.
Systeme dynamique de memoire de donnees.

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka Nakahara-ku, Kawasaki-shi
Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ryu, Tadimitsu, 1151-121-1-604, Kamigocho, Sakae-ku, Yokohama-shi,
Kanagawa 247, (JP)
Mogi, Yoshio, 102-4, Hiraicho, Tochigi-shi, Tochigi, 328, (JP)
Tomita, Masao, 5-260, Mihashi, Omiya-shi, Saitama, 331, (JP)
Fukatsu, Takanori, 665-101, Miyazaki, Miyamae-ku, Kawasaki-shi, Kanagawa
213, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner
Patentanwalte Arabellastrasse 4, W-8000 Munchen 81, (DE)

PATENT (CC, No, Kind, Date): EP 446940 A2 910918 (Basic)
EP 446940 A3 920506

APPLICATION (CC, No, Date): EP 91104010 910315;

PRIORITY (CC, No, Date): JP 9066152 900316

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-012/02;

ABSTRACT WORD COUNT: 183

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1024
SPEC A	(English)	EPABF1	7342
Total word count - document A			8366
Total word count - document B			0
Total word count - documents A + B			8366

...SPECIFICATION by the operating system.

The steps of Figs. 8D and 8E result in an orderly layout of the records 20 of the file 19 which is constantly maintained by the periodic combination of record segments and the removal of vacant space in the file. This results in efficient use of the memory storage...

...could be sorted into some order which will further reduce access time. The combining of record segments also reduces space requirements because multiple headers are not required since all headers of secondary segments are eliminated...sequentially reading each record segment in the file, determining the next read address from the size field of the record and if a vacant space is encountered as indicated by a cleared or null size field, accessing the vacant space table to indirectly determine...

...vacant space table and make requests for vacant space to a memory management system that determines the location of a space of sufficient size and adds vacant space when a record or portion is deleted. It is also possible to do without the file request indicator which indicates the type...

16/3,K/22 (Item 22 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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00326358

Apparatus for the pressing and removal of press-made cement products.

Vorrichtung zum Pressen und Entnehmen von gepressten Zementwaren.
Dispositif pour le pressage et le demoulage de produits compresses en
ciment.

PATENT ASSIGNEE:

Giannelli, Ugo, (1003310), Via Gran Bretagna N. 111, I-50126 Firenze,
(IT), (applicant designated states: DE;ES;NL)

INVENTOR:

Giannelli, Ugo, Via Gran Bretagna N. 111, I-50126 Firenze, (IT)

LEGAL REPRESENTATIVE:

Mannucci, Gianfranco, Dott.-Ing. (42341), Ufficio Tecnico Ing. A.

Mannucci Via della Scala 4, I-50123 Firenze, (IT)

PATENT (CC, No, Kind, Date): EP 300983 A1 890125 (Basic)
EP 300983 B1 910925

APPLICATION (CC, No, Date): EP 88830319 880722;

PRIORITY (CC, No, Date): IT 879440 870724

DESIGNATED STATES: DE; ES; NL

INTERNATIONAL PATENT CLASS (V7): B28B-003/08;

ABSTRACT WORD COUNT: 110

LANGUAGE (Publication,Procedural,Application): English; English; Italian

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	337
CLAIMS B	(German)	EPBBF1	321
CLAIMS B	(French)	EPBBF1	367
SPEC B	(English)	EPBBF1	1796
Total word count - document A			0
Total word count - document B			2821
Total word count - documents A + B			2821

...SPECIFICATION include the loading station, vibration and pressing
stations of the tiles being produced. A final removal station is
provided with a lifting member 7 which is vertically guided in the
structure 1 and is elastically urged downwards by compression springs 9
reacting between the fixed structure...

...the lifting of member 7 against the counteracting action of springs 9
through a timely command.

Member 7 has two columns 7A for the purposes to be indicated below.
In the removal station, above table 5, a removal, i.e. an ejection system
is provided on the structure 1, said system comprising a pad 12
vertically guided by columns 14 and controlled for the vertical
displacements...

16/3,K/23 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01455580

NUCLEIC ACID-TEMPLATED CHEMISTRY IN ORGANIC SOLVENTS

REACTIONS CHIMIQUES A MEDIATION ASSUREE PAR DES ACIDES NUCLEIQUES DANS DES
SOLVANTS ORGANIQUES

Patent Applicant/Assignee:

PRESIDENT AND FELLOWS OF HARVARD COLLEGE, 17 Quincy Street, Cambridge, MA
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LIU David R, 3 Whitman Circle, Lexington, MA 02420, US, US (Residence),
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Legal Representative:

MORIN Randall D et al (agent), GOODWIN PROCTER LLP, Exchange Place,

Ginger R. DeMille

Boston, MA 02109, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 2006138560 A2 20061228 (WO 06138560)
Application: WO 2006US23487 20060616 (PCT/WO US2006023487)
Priority Application: US 2005691409 20050617
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR
KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM
PG PH PL PT RO RS RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US
UZ VC VN ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 28283

Fulltext Availability:
Detailed Description

Detailed Description
... hours at 25(deg) C, the reaction mixture was directly loaded onto a
Nap-S size exclusion column (Amersham Biosciences) to remove
organic solvent, salts, and excess small molecules, and was further
purified by analytical scale reverse...

...shown in Table 2. See Table 3 for MALDI characterization of each
substrate-linked oligonucleotide.

Table 2. DNA-Linked Small Molecule Structures Structure Reagents
1a-g, 2a, 6a, 7a 2b, 7c H O
2c,7d 2d,6c 2e...

16/3,K/24 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01390221 **Image available**
PROCESS FOR THE PRODUCTION OF FINE CHEMICALS
PROCEDE DE PRODUCTION DE PRODUITS CHIMIQUES FINS
Patent Applicant/Assignee:
METANOMICS GMBH, Tegeler Weg 33, 10589 Berlin, DE, DE (Residence), DE
(Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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SCHMITZ Oliver, Johannes-Brahms-Str.16, 14624 Dallgow-Doberitz, DE, DE
(Residence), DE (Nationality),
Patent and Priority Information (Country, Number, Date):

Ginger R. DeMille

Patent: WO 200669610 A2-A3 20060706 (WO 0669610)
Application: WO 2005EP7080 20050629 (PCT/WO EP2005007080)
Priority Application: EP 2004156085 20040702; EP 2004166159 20040715; EP
2004185431 20040805; EP 20041056896 20040823; EP 20041055351 20040827;
EP 2004260085 20041103; EP 2004260077 20041103; EP 2004260572 20041104;
EP 2004260564 20041104; EP 2004286700 20041203; EP 2004286718 20041203;
EP 20041069311 20041217; EP 2004301004 20041218; EP 2004301012 20041218
; EP 2004303919 20041222; EP 20041070244 20041223; EP 20041070251
20041228; EP 20051001667 20050110; EP 20051007045 20050126; EP
20051019701 20050314; EP 20051031649 20050420; EP 20051034551 20050422;
EP 20051034494 20050422; EP 20051032837 20050426; EP 20051034288
20050427; EP 20051044790 20050525; EP 20051044964 20050525; EP
20051047819 20050527; EP 20051046308 20050530; EP 20051047611 20050601;
EP 20051048189 20050602; EP 20051048114 20050602; EP 20051048742
20050603; EP 20051050011 20050606; EP 20051050219 20050608; EP
20051050284 20050608; EP 20051053452 20050610; EP 20051051365 20050613;
EP 20051054054 20050617; EP 20051054013 20050617; EP 20051054062
20050617; EP 20051055085 20050621; EP 20051055101 20050621; EP
20051055754 20050622; EP 20051055713 20050622; EP 20051055705 20050622;
EP 20051056430 20050623; EP 20051056240 20050623; EP 20051059921
20050627; EP 20051059939 20050627

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 1478923

Fulltext Availability:

Claims

Claim

... PSI-TBLASTN checkpoint file [File In] Optional; -n MegaBlast search
[T/F]; default = F; -L Location on query sequence [String] Optional; 1
0 -A Multiple Hits window size, default if zero (blastn/megablast 0,
all others 40 [integer]; default = 0; -w Frame shift...introduced
directly into the cell or else be applied extracellularly (for example
into the interstitial space). [0347 0.0] Advantageously the RNAi method
leads to only a partial loss of gene...detected and depend on many
factors as the target, e.g. its purity, GC-content, size etc, the
probe, e.g. its length, is it a RNA or a DNA probe...

16/3,k/25 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01313365 **Image available**

DOCUMENT DATABASE

BASE DE DONNEES DE DOCUMENTS

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Patent Applicant/Inventor:

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Ginger R. DeMille

(Nationality), (Designated only for: US)
WRETLAD Linus, Sickla Alle 41, S-131 65 Nacka, SE, SE (Residence), SE
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Legal Representative:

WIHLSSON Joakim et al (agent), Bjerkens Patentbyrå KB, Ostermalmsgatan
58, S-114 50 Stockholm, SE

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005122009 A2-A3 20051222 (WO 05122009)

Application: WO 2005EP6094 20050607 (PCT/WO EP2005006094)

Priority Application: EP 20044450690 20040607

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11559

Fulltext Availability:

Claims

Claim

... and

enable deletion of at least one non-editable electronic document in the
original layer database (175)..

. An arrangement according to claim 8, characterized in that
the edit module (165) is adapted to, in response to a deletion
operation in respect of an amendable data record, delete the
amendable data record and a non-editable electronic document
linked thereto.

1 0. An arrangement according to any...

...9,

characterized in that the edit module (165) is adapted to be
activated via a search result window presented by the search
engine module (150) via the user interface (180), the search
result window providing a user...

...and

if at least one deleted electronic document is encountered in the
currently detected content, delete any amen
dable data records for the at least one deleted electronic
document.

15., An arrangement according, to' clairri 14, characterized in
that the arrangement comprises...

...the

data registration engine'(110) is adapted to:
control the data fetching module (130) to search the Internet
to obtain at least one missin'g predefined type of data; and
enter...

...missing predefined type of data in a

relevant amendable data record of the supplementary layer database (I
76).

1 6. An arrangement according to any one of -the preceding

claims, characterized in that the arrangement comprises an...

16/3,K/26 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01313061 **Image available**

METHOD FOR AT LEAST PARTIALLY COMPENSATING FOR ERRORS IN INK DOT PLACEMENT
DUE TO ERRONEOUS ROTATIONAL DISPLACEMENT
PROCEDE POUR LA COMPENSATION AU MOINS PARTIELLE D'ERREURS DANS LE PLACEMENT
POINTS D'ENCRE DUES A UN DEPLACEMENT ROTATIONNEL ERRONE

Patent Applicant/Assignee:

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(Designated only for: US)

JACKSON PULVER Mark, Silverbrook Research Pty Ltd, 393 Darling Street,
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(Nationality), (Designated only for: US)

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005120835 A1 20051222 (WO 05120835)

Application: WO 2004AU706 20040527 (PCT/WO AU04000706)

Priority Application: WO 2004AU706 20040527

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 618378

Fulltext Availability:
Claims

Claim

... PCU addressed registers in PEP. 0 CPU-subsystem addressed registers.
SoPEC has a unified address space with the CPU capable of addressing
all CPU-subsystem and PCU-bus accessible registers (in PEP) and all

locations in DRAM. The CPU generates byte-aligned addresses for the whole of SoPEC. 1 0 22 bits are sufficient to byte address the whole SoPEC address space.
9 1 DRAM addressing scheme
The embedded DRAM is composed of 256-bit words. Since...

16/3,K/27 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01295505 **Image available**
TREE INDEX BASED METHOD FOR ACCESSING AUTOMATIC DIRECTORY
PROCEDE ARBORESCENT A BASE D'INDEX POUR L'ACCES A L'ANNUAIRE AUTOMATIQUE
Patent Applicant/Assignee:

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Cheltenham GL52 8RW, GB, GB (Residence), GB (Nationality), (For all
designated states except: US)

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COOK Gary D, Millbank, Stoke Road, Bishops Cleeve, Cheltenham GL52 8RW,
GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

JONES Ithel Rhys (et al) (agent), Wynne-Jones, Laine & James, 22 Rodney
Road, Cheltenham GL50 1JJ, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005103951 A1 20051103 (WO 05103951)
Application: WO 2005GB1589 20050425 (PCT/WO GB05001589)
Priority Application: US 2004565146 20040423

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14857

Fulltext Availability:

Detailed Description

Detailed Description

... structure specification template 112. After the access structure has
been built (typically upon invoking the search application 108), it can
be used for processing as
many database access requests as required...

...access structure covering.

the updated/new records may be built that can be used to search in
addition to a previously built access structure covering the database
in its previous state.

A further list of deleted records may also be built and used to edit
the
hypotheses returned by the search process before outputting information

to the user. When convenient, a replacement/new access structure covering the entire database in its updated form can be built.

At step 204 a request to access data...

16/3,K/28 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01265963 **Image available**

METHOD OF COLLECTING AND SEARCHING FOR ACCESS ROUTE OF INFORMATION RESOURCE
ON INTERNET AND COMPUTER READABLE MEDIUM STORED THEREON PROGRAM FOR
IMPLEMENTING THE SAME

PROCEDE DE COLLECTE ET DE RECHERCHE DE CHEMINS D'ACCES A DES RESSOURCES DE
DONNEES SUR INTERNET, ET SUPPORT LISIBLE PAR ORDINATEUR SUR LEQUEL EST
STOCKE UN PROGRAMME METTANT EN OEUVRE LE PROCEDE

Patent Applicant/Inventor:

KIM Sun-Kwon, 134-301 Hosugongwon Apt., Gojan-dong, Danwon-gu, Ansan-si,
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Legal Representative:

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Seocho-gu, Seoul 137-876, KR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200572072 A2-A3 20050811 (WO 0572072)

Application: WO 2005KR281 20050131 (PCT/WO KR05000281)

Priority Application: KR 1020040006341 20040130

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Korean

Fulltext Word Count: 18344

Fulltext Availability:

Detailed Description

Detailed Description

... a user selects a node to be deleted with a mouse and then selects the
search index node deleting menu 90 provided in the user interface 10.
As a result of the step SI30, if it is determined that there is a node deleting request,
the node management module 190 deletes the corresponding search index
node (SI40).

In the case that the search index node is a file folder, the
corresponding folder is deleted.

In the case that the search index node is a record node, the
corresponding record is deleted from the node structure table 150. At
this time, search index nodes and information nodes belonging to a
lower tree structure of the search index node that receives a deleting
request are deleted together regardless of folders and files.

If the search index node is deleted as mentioned above, the node tree
output module 210 updates the node tree view 60 (SI 50). The process of
deleting a search index node according to the steps S 130 to S 150

may...

16/3,K/29 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01254537 **Image available**

ADVANCED PROSPECTING FEATURES FOR GENERATING TARGETED BUSINESS-TO-BUSINESS
SALES LEADS AND MAILING LISTS
FONCTIONS DE PROSPECTION PERFECTIONNEES POUR LA PRODUCTION DE LISTES DE
CLIENTS POTENTIELS ET DE DIFFUSION CIBLEES ENTRE ENTREPRISES

Patent Applicant/Assignee:

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(Nationality), (Designated only for: US)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200560426 A2-A3 20050707 (WO 0560426)

Application: WO 2004US35226 20041025 (PCT/WO US04035226)

Priority Application: US 2003736770 20031216

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9139

Fulltext Availability:

Detailed Description

Detailed Description

... has selected all the records to
delete, the system performs a list count removing the records marked
for
delete and stores that set of deleted records as a result set. If
the user - 21 saves the list and views it later or licenses it, the
deleted records result set
is permatized. The system has a cache of the preview data on the...

...querying a database.

[0074] In this example, Table 3 shows an example preview

Ginger R. DeMille

display data layout in a fixed-length record file with a total record size of 145 bytes. The file is ordered by record index so that it is directly...

16/3,K/30 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01187659 **Image available**
FLEXIBLE, DYNAMIC MENU-BASED WEB-PAGE ARCHITECTURE
ARCHITECTURE DE PAGE WEB A BASE DE MENUS SOUPLE ET DYNAMIQUE
Patent Applicant/Inventor:
NORRIS Forbes Holten III, 177 South Harrison Street, Princeton, NJ
08540-5351, US, US (Residence), US (Nationality)
Legal Representative:
ROSSER Roy (et al) (agent), Synnestvedt Lechner & Woodbridge LLP, P.O.
Box 592, Princeton, NJ 08542, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2004109557 A1 20041216 (WO 04109557)
Application: WO 2004US17480 20040603 (PCT/WO US04017480)
Priority Application: US 2003475410 20030603
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11797

Fulltext Availability:
Detailed Description

Detailed Description
... can line up independently of menu items in other rows. without this type of nested structure, tables normally force all table cell widths in all rows be to aligned together in columns, thus requiring more screen space than necessary.

I 0 Table Menu Strut Row: Each Table Menu has a specific row...

...keep the menu table a uniform width as rows of different widths are added or removed. There can be multiple strut rows. In one embodiment, the selection of a strut row may be processed by a computational...

16/3,K/31 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01060099 **Image available**
APPARATUS AND METHOD FOR MODIFYING A KERNEL MODULE TO RUN ON MULTIPLE KERNEL VERSIONS
DISPOSITIF ET PROCEDURE DE MODIFICATION D'UN MODULE NOYAU EN VUE D'UN FONCTIONNEMENT SUR PLUSIEURS VERSIONS DE NOYAU
Patent Applicant/Assignee:

Ginger R. DeMille

COMPUTER ASSOCIATES THINK INC, One Computer Associates Plaza, Islandia,
NY 11749, US, US (Residence), US (Nationality)
Inventor(s):
HANDAL Thomas, 8950 Costa Verde Boulevard #4125, San Diego, CA 92122, US,

Legal Representative:

JAWORSKI Richard F (et al) (agent), Cooper & Dunham LLP, 1185 Avenue of
the Americas, New York, NY 10036, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200390077 A1 20031030 (WO 0390077)
Application: WO 2003US12202 20030417 (PCT/WO US0312202)
Priority Application: US 2002373120 20020417

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 6093

Fulltext Availability:

Detailed Description

Detailed Description

... code describes this process.

```
WHILE MORE SYMBOLS
IF SYMBOL CONTAINS CHECKSUM
STRIP CHECKSUM FROM SYMBOL
  SEARCH  RUNNING KERNEL FOR STRIPPED SYMBOL
IF MATCH FOUND
APPEND CHECKSUM FOUND ONTO SYMBOL NAME
STORE SYMBOL NAME WITH NEW CHECKSUM IN NEW MODULE
RECORD  SIZE  CHANGE OF SYMBOL
ELSE
DISPLAY ERROR AND EXIT
END IF
END IF
END WHILE
MODIFY ELF  FORMAT  HEADER OFFSETS TO REFLECT STRING  TABLE  SIZE
CHANGE
Next, the module information section is modified. The
module information section holds information...
```

16/3,k/32 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00984845 **Image available**

SPREADSHEET SYSTEM AND METHOD FOR TRANSFERRING THE CONTENT OF INPUT CELLS
BETWEEN SCALABLE TEMPLATE INSTANCES
SYSTEME ET PROCEDE MIS EN OEUVRE DANS UN TABLEUR POUR EXPORTER ET IMPORTER
LE CONTENU DE CELLULES D'ENTREE D'UNE INSTANCE DE MODELE EVOLUTIF A UNE
AUTRE

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY

Ginger R. DeMille

10504, US, US (Residence), US (Nationality), (For all designated states except: US)

IBM FRANCE, Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Defense Cedex, FR, FR (Residence), FR (Nationality), (Designated only for: MC)

Patent Applicant/Inventor:

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BAUCHOT Frederic, 299, chemin du Vallon, La Tourraque, F-06640 Saint Jeannet, FR, FR (Residence), FR (Nationality), (Designated only for: US)

Legal Representative:

ETORRE Yves-Nicolas (agent), Compagnie IBM France, Direction de la Propriete Intellectuelle, F-06610 La Gaude, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200314987 A2-A3 20030220 (WO 0314987)

Application: WO 2002EP9483 20020726 (PCT/WO EP02009483)

Priority Application: EP 2001480065 20010809

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI

SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 100184

Fulltext Availability:

Detailed Description

Detailed Description

... or element profiles, or

meta-element profiles, or scalable templates).

Figures 26C illustrates the logical file structure of the export-import files, according to the preferred embodiment of the present invention.

Figure...embodiment of the present invention, for importing scalable template instances.

9 Figure 27C illustrates the structure of the Exported Scalable Template Instance Table (ESTIT) according to a preferred embodiment of the present invention.

13

Figure 28A is a...

16/3,K/33 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00973257 **Image available**

INDEXING METHOD AND SYSTEM FOR RELATIONAL DATABASES

PROCEDE D'INDEXAGE ET SYSTEME POUR BASES DE DONNEES RELATIONNELLES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Ginger R. DeMille

(Residence), FI (Nationality), (Designated only for: US)
Legal Representative:
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Patent and Priority Information (Country, Number, Date):
Patent: WO 200303245 A1 20030109 (WO 0303245)
Application: WO 2001EP7257 20010626 (PCT/WO EP0107257)
Priority Application: WO 2001EP7257 20010626
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4495

Fulltext Availability:
Detailed Description

Detailed Description

... table, and whose third key column is a string. If the rows of the
second table were to store in a data structure entirely separated
from the first table, its search path would be [Table.<index.

36>, DigitString, Int, String]. However, whenever a record from the
first table is deleted, an explicit check and a possible deletion of
the corresponding records in the second table is required, and whenever
a new record is inserted to the...

16/3,k/34 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00963611 **Image available**
EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
POUR SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:
THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
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US)

Patent Applicant/Inventor:
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DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO
63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,
US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
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Legal Representative:

Ginger R. DeMille

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite
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Patent and Priority Information (Country, Number, Date):
Patent: WO 200297700 A2 20021205 (WO 0297700)
Application: WO 2001US51431 20011019 (PCT/WO US0151431)
Priority Application: US 2000694050 20001020
Parent Application/Grant:
Related by Continuation to: US 2000694050 20001020 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 237932

Fulltext Availability:
Detailed Description

Detailed Description

... Ikt1 22.99
IC INTERM
M
U
T SC STMM
AVD 24.99
FC FULL- SIZED 26.99
99 7
PC PPMEM 30
LC LUXURY 36.99
whi SP SPECIALTY 45...1 Original: 6/01/94 8:35 AM Current: 6102/94
1:31@PM
I
New -rate effective date Time
Calendar day 24 Sour Day X
Special@@ Discount on
"Rate... 2...Invalid BCOI
Profile'
:transaction control IDT
Invalid DOB was receivedo
:Invalid DOB,
@Improvement Opportunities.

I.) Remove as constant and store the default simulation rental location
ID (16A011) and the default production Claims Connection rental location
ID in an external data area to externalize this location information for
inquiry into the...ARMS Process Report
@Embedded Data/Constants.

'***ERROR' is the constant value loaded if no OFFDRB file record is
retrieved successfully.

Process
Hierarchical numeric ID: ...Coded name: AM2051V3.
Name: PGM Check for Holiday / After Hours (AM2051V1)
Comment: @Definition: This program determines if a given rental
location is not able to accept new ARMS authorized reservations and
detours it to Claims Connection...

16/3,K/35 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00933152 **Image available**

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
, US (Residence), US (Nationality), (Designated only for: US)
DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO
63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,
US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)
Application: WO 2001US51437 20011019 (PCT/WO US0151437)
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Fulltext Availability:

Detailed Description

Detailed Description

... Special may be changed by keying X, if necessary. A Special Rate may
be added/ deleted , e.g.: daily rate or package rate. Do not update that
information for this exercise...of Machines that have
Shutdown(AM002A)

+

11 11 32

1110. PGM validate

Transaction Set of
Record Formats Data
Types(AM0030V1)
PGM
C=t;oDalat
and rm I
1 1 3.16...

...Holiday I After PGM Verify Branch

Hours Open(NUS018A)

(AM205IV1) Is

.. 3.33

PG M Determine Nearest Location

by Longitude I Latitude using

Phone Number or Postal Code

(Canadian Only) (AM0053))

-Return from...transactions have been received, execute the any EDI
integration

@twarels Start Translate Connections Command to search for Log of
Connection ,ords which are eligible for incoming translation.

- IF translation error encountered...

...iff and end job.

- ELSE, Call the ARMS EDI Receive Interface program to write
Aication records .

IF program is running in debug mode, Copy receive interface fileg
their save files.

- Clear...and CUSTOMER TRANSACTION ID are passed,
d any other data fields (except VENDOR TRANSACTION ID), retrieve from
AMXREFL3.

3.) IF RENTAL. LOCATION and RESERVATION ID are passed, retrieve from
XREFL2.

4.) IF RENTAL LOCATION and TICKET ID are passed; retrieve from
AMXREFLI
RETURN CODE possible values.

blank :Successful retrieval / edit
L: Location passed is blank / invalid
#: Ticket/Reservation passed is blank
T: Ticket passed, unmatched on AMXREF record
P: Profile passed, unmatched on AMXREF record
E : No AMXREF record found
M: Multiple errors

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ARMS Process Report...and aetail lines for an idatory data to be sent
that is missing from the record format and the ARMS :abase.

1.) MANDATORY TO SEND FIELD IS MISSING

2.) Format .

3.) Program.

4.) Company.

5.) Transmission Control ID.

6.) Group Type.

7.) Cust Tran ID...

16/3,K/36 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00910816 **Image available**

VALUE-INSTANCE-CONNECTIVITY-COMPUTER-IMPLEMENTED DATABASE
BASE DE DONNEES INFORMATIQUE DE VALEURS-INSTANCES-CONNECTIVITE
Patent Applicant/Assignee:

REQUIRED TECHNOLOGIES INC, 130 West 42nd Street, 21st Floor, New York, NY
10036, US, US (Residence), US (Nationality)

Inventor(s):

TARIN Stephen A, Suite 6G, 20 East 74th Street, New York, NY 10021, US,

Legal Representative:

WEILD David III (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of the
Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200244952 A1 20020606 (WO 0244952)

Application: WO 2001US47678 20011203 (PCT/WO US0147678)

Priority Application: US 2000727423 20001201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 28571

Fulltext Availability:

Detailed Description

Detailed Description

... format") DD[K-1] < J <= DD[K];

2) V = DV[K].

50

A condensed displacement column, when appropriate, simultaneously saves
storage space and speeds up binary searching. However, testing for the
presence of instances of a given...

...is a constant-time lookup using a full displacement column, but a log
time binary search using a condensed displacement column.

In the case where values without instances are rare, a further alternate
format of the displacement table (referred to herein as "dense"
format) permits all missing values to be found

16/3,K/37 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00905243 **Image available**

METHOD FOR STRUCTURING AND SEARCHING INFORMATION
PROCEDE DE STRUCTURATION ET DE RECHERCHE D'INFORMATION

Patent Applicant/Assignee:

TWOCLICKAWAY, K.G. Meldahlsv. 9, N-1671 Krakeroy, NO, NO (Residence), NO

Ginger R. DeMille

(Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
GULLIKSEN Kenneth, Damyr 1B, N-1607 Fredrikstad, NO, NO (Residence), NO
(Nationality), (Designated only for: US)

Legal Representative:
BRYN & AARFLOT AS (agent), P.O. Box 449 Sentrum, N-0104 Oslo, NO,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200239320 A1 20020516 (WO 0239320)

Application: WO 2001N0444 20011109 (PCT/WO N00100444)

Priority Application: NO 20005704 20001110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8701

Fulltext Availability:

Detailed Description

Detailed Description

... for comparing, calculating relevance etc. is facilitated. The use of
tables and coordinates, provide a search principle easily adaptable
between languages in known ways.

Implementations of the system

The program can...

...is input or deleted from the information space, for adding this new
information to the database /index structure or deleting rows in
the database /indexes respectively. An intranet can be considered to be
such an information space, and the...

16/3,k/38 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00886047

SYSTEM, METHOD, USES, PRODUCTS, PROGRAM PRODUCTS, AND BUSINESS METHODS FOR
DISTRIBUTED INTERNET AND DISTRIBUTED NETWORK SERVICES

SYSTEME, PROCEDE, UTILISATIONS, PRODUITS, PRODUITS PROGRAMMES ET PROCEDES
COMMERCIAUX POUR INTERNET REPARTI ET SERVICES DE RESEAU REPARTIS

Patent Applicant/Assignee:

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DE FOREST Darin S, 1418 E. Briarwood Terrace, Phoenix, AZ 85048, US, US

Ginger R. DeMille

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Legal Representative:
BIRDE Patrick J (et al) (agent), Kenyon & Kenyon, One Broadway, New York,
NY 10004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200219063 A2 20020307 (WO 0219063)
Application: WO 2001US27522 20010904 (PCT/WO US0127522)
Priority Application: US 2000229685 20000901; US 2000236864 20000929; US
2000237179 20001002; US 2000254377 20001208; US 2001262288 20010117
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext word Count: 139605

Fulltext Availability:
Detailed Description

Detailed Description
... in the intermediate representation and specified by the context.

If a non-specified context is determined, an implicit traversal search
is performed for any of the set of runnable and/or non-runnable member
objects...

16/3,K/39 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00802534
ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
Patent Applicant/Assignee:
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TN 37405, US, US (Residence), US (Nationality), (For all designated
states except: US)
Patent Applicant/Inventor:
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US, GB (Residence), GB (Nationality), (Designated only for: US)
LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence),
US (Nationality), (Designated only for: US)
Legal Representative:
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Trace, Suite 300, Marietta, GA 30067, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200135216 A2-A3 20010517 (WO 0135216)
Application: WO 2000US31231 20001113 (PCT/WO US0031231)
Priority Application: US 99164884 19991112
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 275671

Fulltext Availability:

Claims

Claim

... modules cause the interface control system 14, which is also assembled in the Data Relation Table, to initiate a display. Step 102 is followed by step 104, in which the interface...

...by receiving an entry in a text box or by receiving input from a biometric identification device controlled by the Any-to-Any machine 10. Step 104 is followed by step...the application of the Component Principle to the subject of computing. For example, a typical database structure for use in a Any-to-Any system configured to perform typical office functions, such...

...database need not be implemented as a modified semantic network, it may be advantageous to structure it as such because the modified semantic network structure provides data representation flexibility, eliminates the wastage and bloat of flat tables, efficiently supports the Co-Reducing Concepts Search mechanism, and is fairly economical in terms of space and speed. Figures 12 illustrate examples...

...embodiment of the present invention because each of these structures could contain potentially trillions of records. FIG. 12 is a diagram illustrating a portion of a NCL (Numbers Concept Language) Table...to Translation Table 330 in FIG. 13, record #23 is the 'Time' Category. In other structure and implementation of the database are completely hidden from the Logics and other Java ...a DRT Record class which has a type# + record# Reference is defined as a persistent identifier for the DRT Record, and which stores a sparse map of key + value pairs of the fields and values...

...the value, and -where the value may be any Java object, including primitive types, data structure classes, References to DRT Records, and also DRT Record objects. This way, if the database structure ever needs to be changed, the impact on the existing Java code is minimal. To ...

...the Name Field value(s) in order to complete the data-value mapping for the new data record, thus easily creating form letters that differ only in the name listed in the body text. In general, every NCL Table Concept Field may have its own Data Class Value Table 370 illustrated in FIG. 15...In practice, the tendency is to store Data Class Values with 38

similar structure and size in the same physical table in order to speed access and reduce storage overhead, but from a logical-model viewpoint...

...Table is independent. In fact, all Data Class values could be stored in a single table (such as the DRT Records-DATA Table 370); in which primitive data values types such as String and Date are separated into... that is to use it, as follows.

0 38) Step 17: Creating a Concept Language. Format of Concept Language Output. Concept Language output can be formatted in a number of ways...

...following are two examples of useful ways of formatting the output.,

39) 1. Data Class Format Output Method

The Data Class Format Output Method is useful method to output Concept language to enable a computer to select...documents, but the statement is made unique by giving it a Time Specification. The time identification of which thing that was printed is required is expressed as after (i.e. later...

...events have to be recorded

However, recording a long text in Concept Language in a database format

allowing for large numbers of simultaneous Data Classes results in most of the fields being...not change either. In the case of the above examples it is:

Space & Location Name &.... Location name & Coordinate & street address
0 Space & Location Name &.... Location name & Coordinate & way-point
Space & Location...

...will be many street addresses. Hence the

Concept Hierarchy of each will be:

5 Space & Location Name &.... Location name & Coordinate & Street Address

Company 1

Space & Location Name &.... Location name & Coordinate & Street Address
Company...

...name & Coordinate & Street Address

Company 3

The same computer may also have Map references:

Space & Location Name &.... Location name & Coordinate & Map Ref 1

Space & Location Name &.... Location name & Coordinate & Map Ref 2

Space & Location Name &.... Location name & Coordinate & Map Ref 3

As previously described,

A Data Class is...

16/3,K/40 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784138

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST BATCHER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR MODULE DE MISE EN LOTS DES REQUETES DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES TRANSACTIONNELS

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116733 A2-A3 20010308 (WO 0116733)

Application: WO 2000US23885 20000831 (PCT/WO US0023885)

Priority Application: US 99387575 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

Ginger R. DeMille

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 150393

Fulltext Availability:
Detailed Description

Detailed Description

... interrelationships, since complex relationships increase the
architecture's complexity faster than modularization can reduce it.

Location Transparency

Divorces application from the details of resource location . This is
however not always true or required. For performance reasons designers
and developers still...

16/3,k/41 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00769759 **Image available**

DYNAMIC CONTROL OF SEARCH DURATION IN A WIRELESS COMMUNICATION DEVICE
COMMANDE DYNAMIQUE DE TEMPS DE RECHERCHE DANS UN DISPOSITIF DE
COMMUNICATION SANS FIL

Patent Applicant/Assignee:

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Inventor(s):

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WILLIAMSON Paul T, 5331 Channing Street, San Diego, CA 92117, US

Legal Representative:

WADSWORTH Philip R, Qualcomm Incorporated, 5775 Morehouse Drive, San
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200103321 A1 20010111 (WO 0103321)

Application: WO 2000US17899 20000628 (PCT/WO US0017899)

Priority Application: US 99346368 19990701

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext word Count: 4967

Fulltext Availability:
Detailed Description

Detailed Description

... vectors adding
destructively, a longer integration interval may not improve the signal
to
noise ratio. Search results may improve through an increase in the

Ginger R. DeMille

number of non-coherent passes because the be detected during a subsequent pass in the same search.

Figure 5 shows one embodiment of the data structure of a search parameter lookup table 50. The lookup table contains three columns of data 52, 54 and 56. Column 52 contains the size of the search window.

The search window size is used by the microprocessor as an index into the table. Column 54...

...and
column 56 contains values for the number of non-coherent passes, corresponding to the search window size. Each row of the lookup table contains predetermined values for the integration interval and number of non...

16/3,k/42 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00760523 **Image available**

SYSTEM AND METHOD FOR MANAGING A DATABASE
SYSTEME ET PROCEDE DE GESTION D'UNE BASE DE DONNEES

Patent Applicant/Assignee:

HNC SOFTWARE INC, 5935 Cornerstone Court West, San Diego, CA 92121, US,
US (Residence), US (Nationality)

Inventor(s):

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SITZE Kevin, 9024 Woodlawn Drive, San Diego, CA 92126, US

Legal Representative:

SACHS Robert R, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073943 A1 20001207 (WO 0073943)

Application: WO 2000US14781 20000526 (PCT/WO US0014781)

Priority Application: US 99323512 19990601

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11727

Fulltext Availability:

Detailed Description

English Abstract

...for storing and retrieving data records (data records) from a database. In one embodiment, the database includes a database data structure that is divided into a plurality of sections. Each of the sections holds is configured...

...record (320) is used to identify one of the sections. If the section has insufficient space, the system deletes data records (320) according to a ranking function. In one embodiment of the invention, the ranking function...

applicant

Detailed Description

... to identify the requested data record.

Figure 15 is a flowchart illustrating a process for deleting a data record from the database data structure 200 (Figure 2). Figure 15 illustrates in further detail the acts that occur with state...

...which data section 214 contains the data record. The database management system 106 calculates the size of the data record to be
17

deleted. In one embodiment of the invention, this may be accomplished by summing the size identified...224 (Figure 3). Moving to a state 1524, the database management system 106 subtracts the size of the deleted data record from the offset field 228. The process then returns to the state 1208 of Figure...

...management system 106 requires low-maintenance and is resistant to efforts. Since the size of database data structure 200 is statically defined, the database

I 8

management system 106 does not need to monitor the available space in the secondary storage 198 (Figure 2) with respect to the database data structure. Furthermore, the database data structure 200 is designed such that no dependencies exist between any of the data sections.

Advantageously...

16/3,K/43 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00539962 **Image available**

VALUE-INSTANCE-CONNECTIVITY COMPUTER-IMPLEMENTED DATABASE
BASE DE DONNEES INFORMATIQUE VALEUR-INSTANCE-CONNECTIVITE

Patent Applicant/Assignee:

REQUIRED TECHNOLOGIES INC,

Inventor(s):

TARIN Stephen A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003335 A1 20000120 (WO 0003335)

Application: WO 99US15431 19990708 (PCT/WO US9915431)

Priority Application: US 98112078 19980708

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 26267

Fulltext Availability:

Detailed Description

Detailed Description

... the value table is found as follows.

1) find K, via, e.g., a binary search, such that DD[K]
≤ J < DD[K+1] (for "first row number" format) or (for...

...number format") DD[K-1] < J <= DD[K];
2) V = DV[K].

A condensed displacement column, when appropriate, simultaneously saves storage space and speeds up binary searching. However, testing for the presence of instances of 30 a...

...is a constant-time lookup using a full displacement column, but a log time binary search using a condensed displacement column, In the case where values without instances are rare, a further alternate format of the displacement table 35 (referred to herein as "dense" format) permits all missing values to be found quickly. In this alternate format, displacement table entries...

16/3,K/44 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00504477 **Image available**
INDIVIDUALIZED PARAMETER CONTROL FOR MULTIPLE MEDIA SOURCES
CONTROLE INDIVIDUALISE DE PARAMETRES POUR SOURCES MULTIMEDIA MULTIPLES
Patent Applicant/Assignee:
AMIGA DEVELOPMENT LLC,
Inventor(s):
WUGOFSKI Theodore D,
SMITH Kim C,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9935829 A1 19990715
Application: WO 99US100 19990105 (PCT/WO US9900100)
Priority Application: US 982990 19980105
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext word Count: 6910

Fulltext Availability:
Detailed Description

Detailed Description
... the values for these cells are irrelevant, and are shown blank. To save some memory space, rows 310f-310i may be removed and columns 320f-3 10i thereof stored as a separate subtable 330. Linked lists or other data structures may be used instead of table 300 as a structure for holding the parameter values of all the sources, if desired.

Fig. 3B shows part...

16/3,K/45 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00503253 **Image available**
REDUCED COST DECODER USING BITSTREAM EDITING FOR IMAGE CROPPING
DECODEUR A COUT REDUIT, UTILISANT LA MODIFICATION DE TRAIN BINAIRE POUR LE RECADRAGE D'IMAGE
Patent Applicant/Assignee:
SARNOFF CORPORATION,

Inventor(s):

HURST Robert N Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9934605 A1 19990708

Application: WO 98US26240 19981230 (PCT/WO US9826240)

Priority Application: US 971199 19971230

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

Publication Language: English

Fulltext Word Count: 4428

Fulltext Availability:

Detailed Description

Detailed Description

... 42-44).

The invention may, of course be practiced using formats other than the 480x704 format discussed above. Table 1 lists several common video formats, the number of macroblocks in each row and column...

...be discarded to reduce the picture size to the safe-area (i.e., 80%) picture size .

Format	Rows	Of	Columns	Of	Deleted	Rows	Deleted
Macroblocks	Macroblocks	For	"Safe-Title"	Columns	For		
1080x1920	68	120	1-b	64-68	1-3@	118-120	
720x1280	...						

16/3,K/46 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00482410 **Image available**

CLINICAL TISSUE EXAMINATION

EXAMEN CLINIQUE DE TISSUS

Patent Applicant/Assignee:

UROMED CORPORATION,

Inventor(s):

CUNDARI Michael Anthony,

WEST Alan Irving,

NOBLE Brian David,

ROBERTS Troy William,

WIDDER David Raymond,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9913762 A2 19990325

Application: WO 98US17925 19980828 (PCT/WO US9817925)

Priority Application: US 97931573 19970916

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 24452

Fulltext Availability:

Detailed Description

Detailed Description

... database where each record
stores information regarding one suspicious area (Fig. 20
shows the record structure of such a database).

Information in the records may include the size and
is location of the suspicious areas, the frames in which the
suspicious areas appeared...

16/3,k/47 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00456788

PERSONAL AUDIO MESSAGE PROCESSOR AND METHOD
PROCESSEUR PERSONNEL DE MESSAGE AUDIO ET TECHNIQUE CORRESPONDANTE

Patent Applicant/Assignee:

STERN Geoffrey,
WEXLER Gil,

Inventor(s):

STERN Geoffrey,
WEXLER Gil,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847252 A2 19981022
Application: WO 98US7228 19980411 (PCT/WO US9807228)
Priority Application: US 9743302 19970411

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW HU
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Fulltext word Count: 14138

Fulltext Availability:
Detailed Description

Detailed Description

... to implement the GUI they design

Advanced Database Access Module (ADAM): This is a traditional database
implementation, offering a record structure, insert, delete,
search, data integrity checks and record locking. It differs from
other database implementations by being
designed to operate in an embedded...

16/3,k/48 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00376923

STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION

Patent Applicant/Assignee:

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OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,

Inventor(s):

OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9717666 A2 19970515

Application: WO 96IL131 19961023 (PCT/WO IL9600131)

Priority Application: US 95551929 19951023

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD
RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 263802

Fulltext Availability:

Detailed Description

Detailed Description

... information of a desired type, and to return to the source document afterwards to continue searching for a more appropriate hypertext connection. To convey information to users regarding the type of...in categorization.

The present invention substantially solves these problems and provides the heretofore missing data structure for a large multimedia database which provides for hypertext to be used in a structured, focused manner so that users...

...associated with existing hypertext systems.

It is another object of the present 'invention to facilitate search and navigation through a large multimedia database.

It is another object of the present invention...the present invention in which Algorithms can be placed within or removed from the data structure

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The preferred embodiments of the present invention will be...IC.

Other protocols which should be tested for during quality control testing in the data structure described herein include the following.

1. Every page with multiple parent chapters should have a...in much the same fashion in which other types of paragraphs are assigned and deleted, as described above. As with other hypertext nodes, hypertext nodes for algorithms can be automatically and dynamically updated to reflect changes in the algorithm database structure. The Source Code Appendix contains computer program listings for a program which provides at least...

...ROW-FONT-BOLD

Global FindedShapeNumber As 0

Integer Global Const

Global FindedLineNumber As Integer PROPERTY- ROW -BORDER-WIDT

Global FindedTextNumber As Integer H = I

Global SelectedLine As Integer Global Const

'Boolean PROPERTY- ROW -FONT-COLOR

Global SelectedText As Integer I

```

'Boolean Global Const
PROPERTY ROW MULTISELECTI
Global CountShapes...

...Integer ON -LEFT = I
Global CountLines As Integer Global Const
Global CountTexts As Integer PROPERTY- ROW -MULTISELECTI
ON XI = 2
Global TextValue( As String Global Const
PROPERTY- ROW -NAME = 2
Global Global Const
CountShapesWithStandartedNames As PROPERTY- ROW -FONT-ITALIC
Integer 2
Global Global Const
CountLinesWithStandartedNames As PROPERTY-ROW-MULTISELECTI
Integer ON -TOP...shpShape(Finded
End If ShapeNumber),
Case frmShapeProperties.txtValue.Text
PROPERTY-ROW-BORDER-WIDT
H ShapeChanged( FindedShapeNumber )
If Not True
IsNumeric(frmShapeProperties.txtValu Else
e-Text) Then ChangeShapeName
Tag
MsgBox "Must be number fmiAlgon'thmEditor-InLine( FindedLin
from I to 8192" eNumber),
UndoChangesValuePropertv fnnShapeProperties.txtValue.Text
ElseIf Not
Between(Val(frmShapeProperties.txtV...for Specific Algorithm") Set
DeleteUnused
DcleteObjects![Specific Algorithm dbHyperText.OpenQueryDef("Delete
ID] = AlgorithmID Unused Texts")
DeleteObjects .Execute DeleteUnused -Execute
DeleteObjects .Close DeleteUnused -Close
End Sub Set DeleteUnused =
dbHyperText.OpenQuervDef(" Delete
Unused Nodes in Algorithmes")
52
SUBSTITUTE SHEET (RULE 26)
DeleteUnused .Execute
DeleteUnused .Close frmAlgorithmEditor-fraPointLineResiz
ing(0).Visible = True
End Sub
fmiAlgorithmEditor-fraPointLineResiz
Sub DrawControlPointsForLine ing(1...Left = frniAlgorithmEditor.shpContro
fmiAlgorithmEditor.picText(FindedTe lPointForSelectedText(ControlPointNu
xtNumber).Left + mber).Left =
fnnAlgon'thmEditor.picText( FindedTe frmAlgorithmEditor.picText(
FindedTe
xtNumber).Width - xtNumber).Left + HalfTextwidth
HalfControlPointSize * 1.2 HalfControlPointSize
Case "Right" Case "Bottom-Left"
frmAigon...SaveAlgorithm
Close any application and press'OK...
Screen.MousePointer Dim ObjectNumber As Integer
HOURGLASS
DoEvents DeleteUnusedShapesLinesAndTexts
Result = GlobalCompact(30
700000)
ResumeNumber = ResumeNumber For ObjectNumber = 0 To
+ I CountShapes - I
Screen.MousePointer...As Integer
NameOfNodeToDelete As String Global wasANextScreen As Integer
IDofNodeToDelete As Long Global wasAPreviousScreen As
IndentOfNodeToDelete As Integer Integer

```

Ginger R. DeMille

HasChildren As Integer Global WasAnUpScreen As Integer
NumParents As Integer Global WasNotes...

```
...As snapshot Dim tblSeekChildren As Table
Global MoveNodeData, As
MoveNodeDataType Global Const IC = 3
Global DeleteNodeData As
DeleteNodeDataType Sub AddChapterNode
128
SUBSTITUTE SHEET (RULE 26)
Dim ChapNurn As Long, Response = MsgBox(Msg,
PresentName As String...TOC") t1.Update
q.Execute I
q.Close t2.MoveNext
Set q = Loop
dbHyperText.OpenQuervDef(" Delete t1.Close
TOC links") t2.Close
q.Execute I
q.Close MsgBox "Retrieve has completed..."

...the move
NewRow As Integer MoveNodeData.NodeToMoveId
f ChapterIDList(TOCFull.IstChapters.Li
'This routine will search up through stIndex + 1)
the table displayed and will MoveNodeData.NodeToMoveName
' find a change in...leader to
Load MoveCopyANode the Page name.

MoveCopyANode.Show 'This is founded on a standard format
End Function that the character "-" is
'the delimiter and that anything to the
Sub ShowTOC...
```

16/3,K/49 (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00348333 **Image available**
AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE
Patent Applicant/Assignee:
NAVISOF INC,
Inventor(s):
DOZIER Linda T,
WILLIAMS George W V,
LONG Dave,
MCKEE Douglas M,
DAVIDSON James G,
BRADY Karen,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9630846 A1 19961003
Application: WO 96US1686 19960321 (PCT/WO US9601686)
Priority Application: US 95412981 19950328
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 177634

Fulltext Availability:
Detailed Description

Detailed Description
... of the customer support Miniweb.

4,2,2 Adding Your Page
You will want to add the office location page you authored in the previous examples to the support Miniweb. Open your page, offices...

16/3,K/50 (Item 28 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00293338 **Image available**
DATABASE USING TABLE ROTATION AND BIMAPPED QUERIES
BASE DE DONNEES A ROTATION DE TABLES ET A INTERROGATIONS EN MODE POINT
Patent Applicant/Assignee:
FDC INC,
Inventor(s):
EMERSON Michael Gene,
WESTMAN Kelly Reed,
PILLAI Sushil,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9511487 A1 19950427
Application: WO 94US12074 19941024 (PCT/WO US9412074)
Priority Application: US 93141285 19931022
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA GB
Publication Language: English
Fulltext Word Count: 85937

Fulltext Availability:
Detailed Description

Detailed Description
... have keys by customer name, account number, and an order number. Information can then be retrieved by these keys in an almost instantaneous fashion. The problem with keys is that they...

...significant amounts of disk overhead to maintain. Keys can require up to 10 bytes of space for each record for each key. Thus, ten key fields on a 1 million customer file costs an additional 100 megabyte of disk storage.

Colu=ar (Inverted)- file Structure
Database Link TI solves this problem by doing away with keys altogether. Rather than speeding up...

16/3,K/51 (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00163583 **Image available**
COMPUTING MACHINE WITH HYBRID COMMUNICATION ARCHITECTURE
ORDINATEUR A ARCHITECTURE DE COMMUNICATION HYBRIDE
Patent Applicant/Assignee:
COGENT RESEARCH INC,

Ginger R. DeMille

Inventor(s):

VOLLUM Charles A,
HENSON Noel W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8909967 A1 19891019
Application: WO 89US1456 19890407 (PCT/WO US8901456)
Priority Application: US 88412 19880408

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE CH DE FR GB IT KR LU NL SE

Publication Language: English

Fulltext Word Count: 5857

Fulltext Availability:

Detailed Description

Detailed Description

... the program is partially
The read operation is identical to in except
that the matching tuple is not removed from the
tuple spaces The eval operation is a specialized
form of outo Out creates a passive tuple...

...creates an active tuple.

if a processor performs an in operation, it is
necessary to search tuple space for the matching
tuple, It would be time consuming to examine each
tuple in turn to determine whether it...

...and therefore the tuples are classified
and a direct-ory is created to facilitate the
search, In a multi-processor computer, different
portions of the directory are accessed by the
different...

16/3,K/52 (Item 30 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00156314

SIGNAL PROCESSING APPARATUS AND METHODS

DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX

Patent Applicant/Assignee:

HARVEY John C,

Inventor(s):

HARVEY John C,
CUDDIHY James W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323
Application: WO 88US3000 19880908 (PCT/WO US8803000)
Priority Application: US 8796 19870911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP KP LK LU MC MG
ML MR MW NL NO RO SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 161690

Fulltext Availability:

Claims

Ginger R. DeMille

Claim

... is of interest and, if so, to tune automatically to said 25 programming, It has capacity , at each station, for receiving monitor information that identifies what programming is available, what programming is used, and how said programming is used and capacity for assembling and retaining monitor records that document said availability and usage. It has 30 capacity for transferring said meter records...
?

02592184/9 [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)
INSPEC

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02592184 **INSPEC Abstract Number:** C80033272

Title: Summary statistics for five years of the MARC data base

Author Williams, M.E.; Barth, S.W.; Preece, S.E.

Author Affiliation: Information Retrieval Res. Lab., Univ. of Illinois, Urbana, IL, USA

Journal: Journal of Library Automation vol.12, no.4 p. 314-37

Publication Date: Dec. 1979 **Country of Publication:** USA

CODEN: JLAUAY **ISSN:** 0022-2240

Language: English **Document Type:** Journal Paper (JP)

Treatment: Practical (P)

Abstract: MARC data base statistics are presented for the benefit of processors of the MARC file who may use those data for purposes of planning file structures, for selecting subsets of MARC for local processing, for estimating processing time based on record sizes, and for estimating future file sizes based on growth rates. Statistics pertaining to record lengths, field tag occurrence, data element length per field tag, and distribution of records by Dewey Decimal Division and Library of Congress class code are given. Library of Congress categories versus record length and main entry length versus record length distributions are also provided. The statistics can also be valuable in the preparation of user profiles and search strategies for subject searching of the MARC data base on-line. (5 Refs)

Subfile: C

Descriptors: file organisation; information services

Identifiers: MARC data base; file structures; processing time; record sizes; field tag occurrence; data element length per field tag; distribution of records; Dewey Decimal Division; Library of Congress class code; user profiles; search strategies

Class Codes: C6120 (File organisation); C7210 (Information services and centres)

02712287/9 [Links](#)

INSPEC

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02712287 INSPEC Abstract Number: C81024028

Title: The complexity of information structures

Author Fredman, M.L.

Conference Title: 1981 IEEE International Symposium on Information Theory. Abstracts of Papers p. 99

Publisher: IEEE , New York, NY, USA

Publication Date: 1981 **Country of Publication:** USA 152 pp.

Conference Sponsor: IEEE; Union Radio Sci. Int

Conference Date: 9-12 Feb. 1981 **Conference Location:** Santa Monica, CA, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: Concerns the complexity of storing information in a manner which permits both subsequent modification as well as retrieval. The author develops a framework in which the basic entity of information consists of a record, which has an associated key and an associated value. The key associated with a record uniquely identifies that record and belongs to a set referred to as the key space. The values associated with records may be summed by means of an associative and commutative addition operation. Given a key space and a repertoire of permissible queries, the author considers how information should be organized so as to facilitate both efficient query evaluation and ease of updating. Updating means inserting and deleting records, and/or changing the values associated with records. The time required for query evaluation can be improved by maintaining in memory pre-computed sums of the values of various subsets of records. However, this tends to increase the time required for updating, or equivalently, the extent of information redundancy. The problem of determining the optimal trade-off between query time versus redundancy is addressed. (0 Refs)

Subfile: C

Descriptors: file organisation; information retrieval systems

Identifiers: complexity; information structures; record; key; value; key space; query evaluation; query time; redundancy; information retrieval system evaluation

Class Codes: C6120 (File organisation); C7250 (Information storage and retrieval)